...DO PIZZOFALCONE

NAZIONALE
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NAPOLI
BIBLIOTECA
VITT. EM. III

BIBLIOTECA PROVINCIALE

Armadio

Palchetto

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B. Prov.
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18

AIDE-MÉMOIRE

GÉNÉRAL ET ALPHABÉTIQUE

DES INGÉNIEURS.

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PARIS. — Imprimerie de COSSE et J. DUMAINE, rue Christine, 2.

615173

AIDE-MÉMOIRE

GÉNÉRAL ET ALPHABÉTIQUE

DES

INGÉNIEURS

PAR

G. Tom RICHARD

INGÉNIEUR

Successivement chargé, par le Préfet et le Conseil général de l'Ariége, des Essais tendant au perfectionnement des forges de ce département (1832 à 1836).—Ingénieur de la Compagnie agricole et industrielle du Migliaciaro, Corse (1838 à 1839),—de la *Compagnie Corse* (1839 à 1840),—Directeur des forges Framont, Vosges (1843 à 1846).—Directeur des forges de Banca et de Mendive, Basses-Pyrénées.

ATLAS

DEUXIÈME PARTIE

PLANCHES

64 A 112

BIBLIOTECA PROVINCIALE NAPOLI

PARIS

LIBRAIRIE MILITAIRE

J. DUMAINE, LIBRAIRE-ÉDITEUR DE S. M. L'EMPEREUR

Rue et Passage Dauphine, 30.

1854

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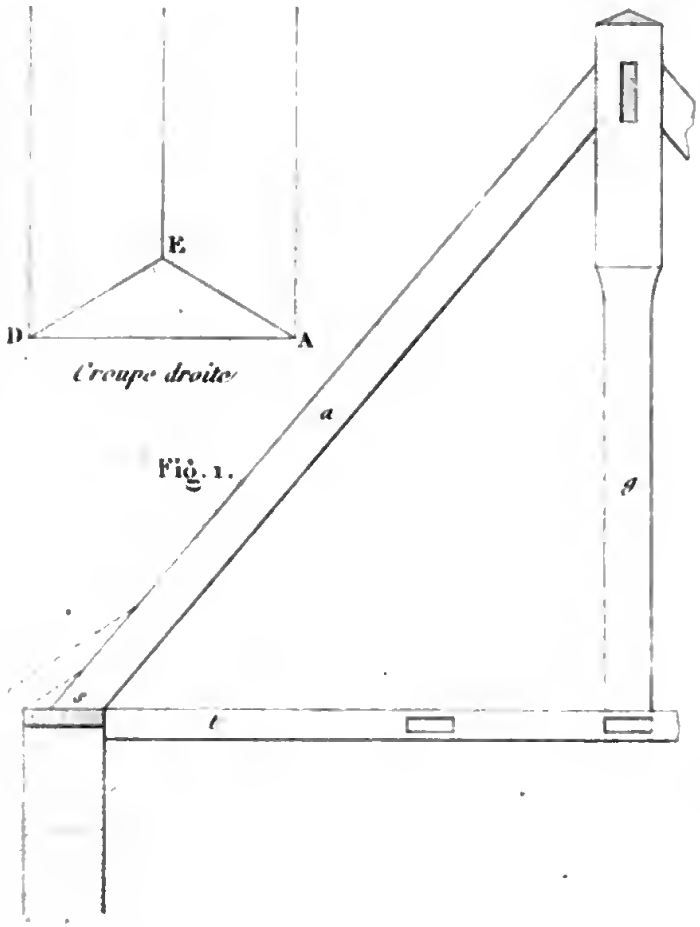
BIBLIOTECA NACIONAL
MADRID

FERMES EN BOIS, CROUPE

Croupe b



Croupe droite

Fig. 1.

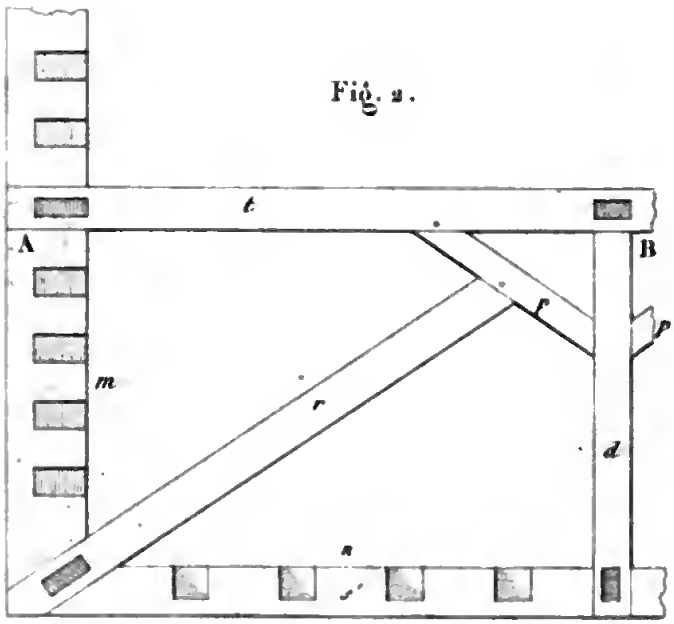


Fig. 2.

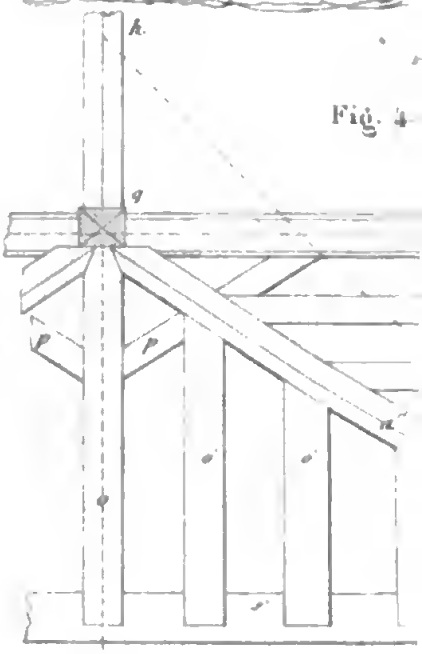


Fig. 4

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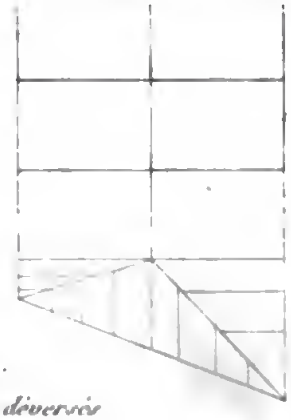
ope biaise sur ferme biaise.

Croupes biaises sur ferme droite.



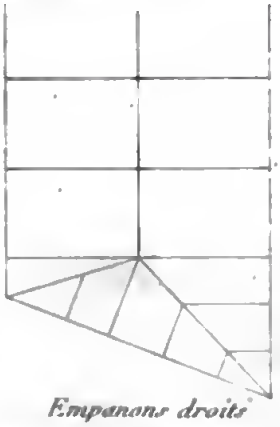
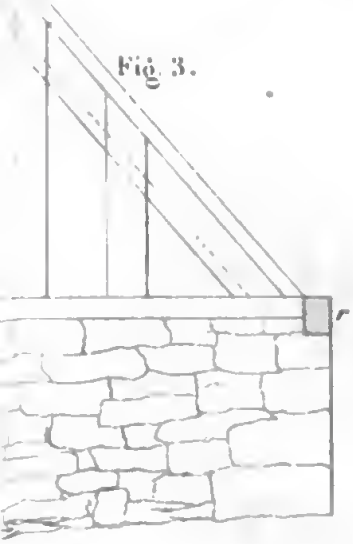


Fig. 4.

Empanons diversés *Empanons droits*

Fig. 3.



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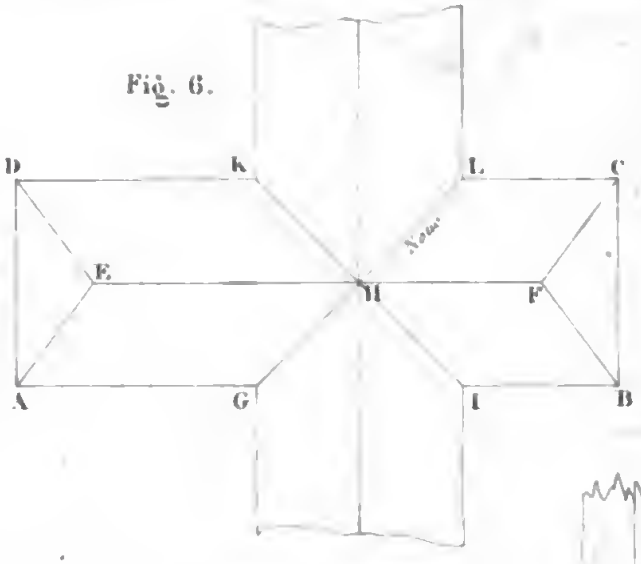


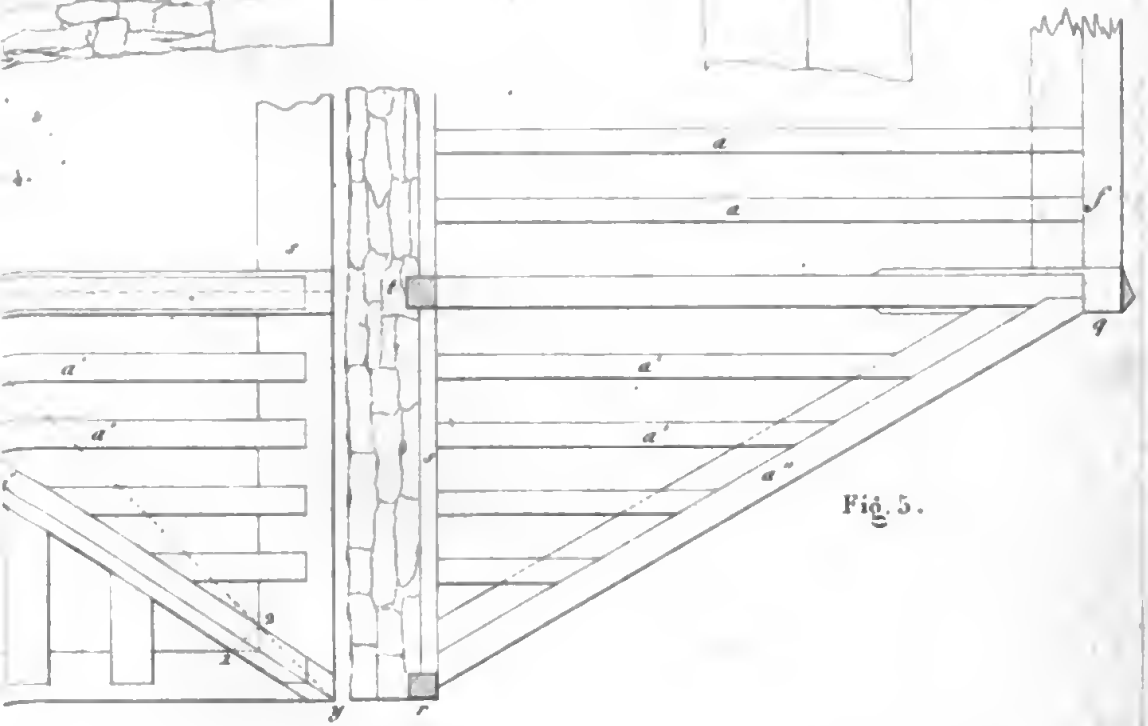
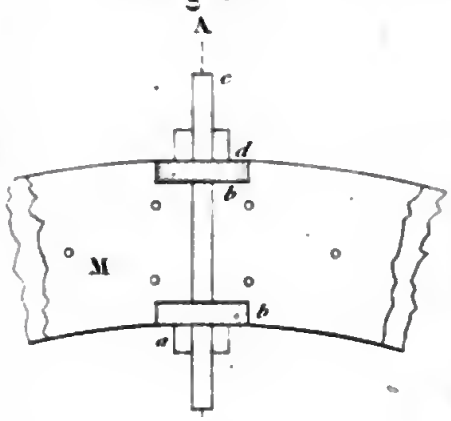


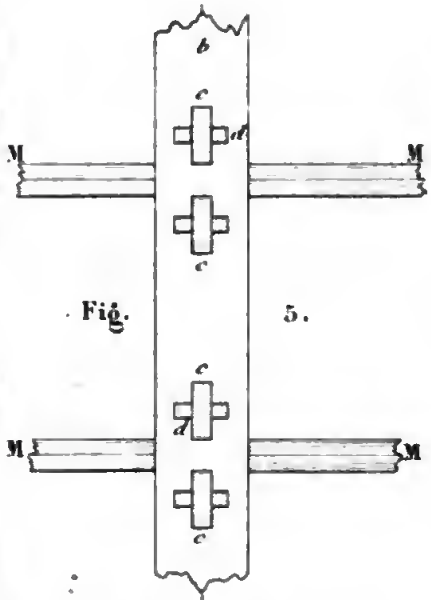
Fig. 5.

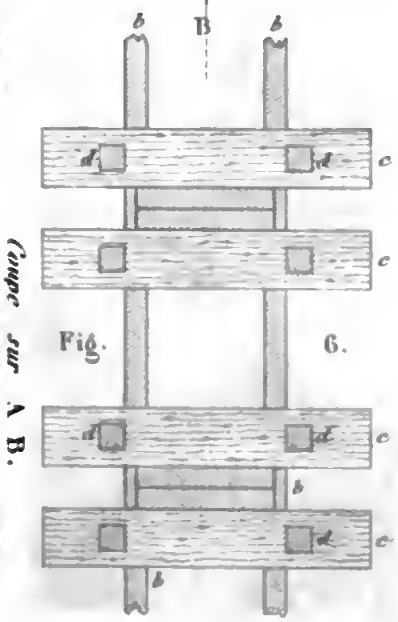
App.te Chartier sculp.

BIBLIOTECA NAZIONALE NAPOLI

Fig. 4.

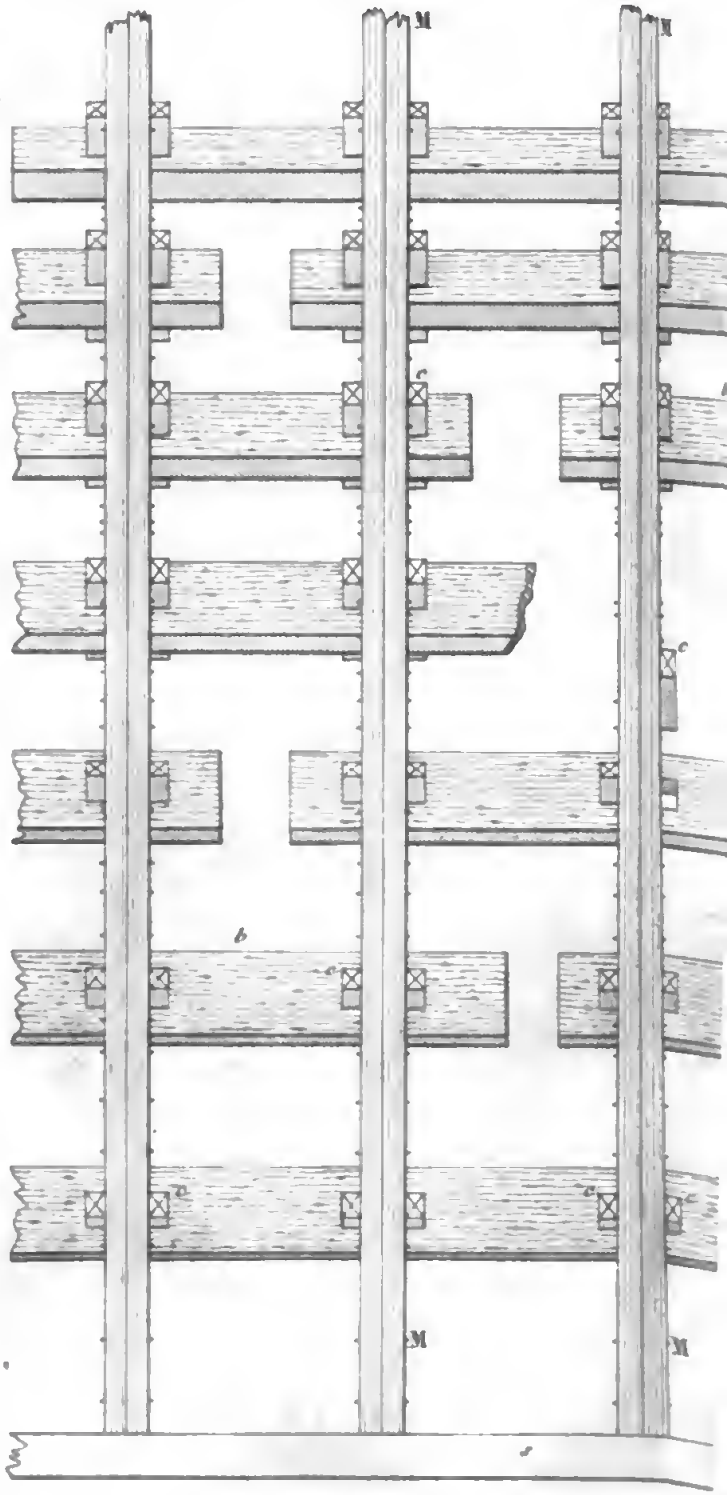






Coupe sur A B.

Fig. 1.



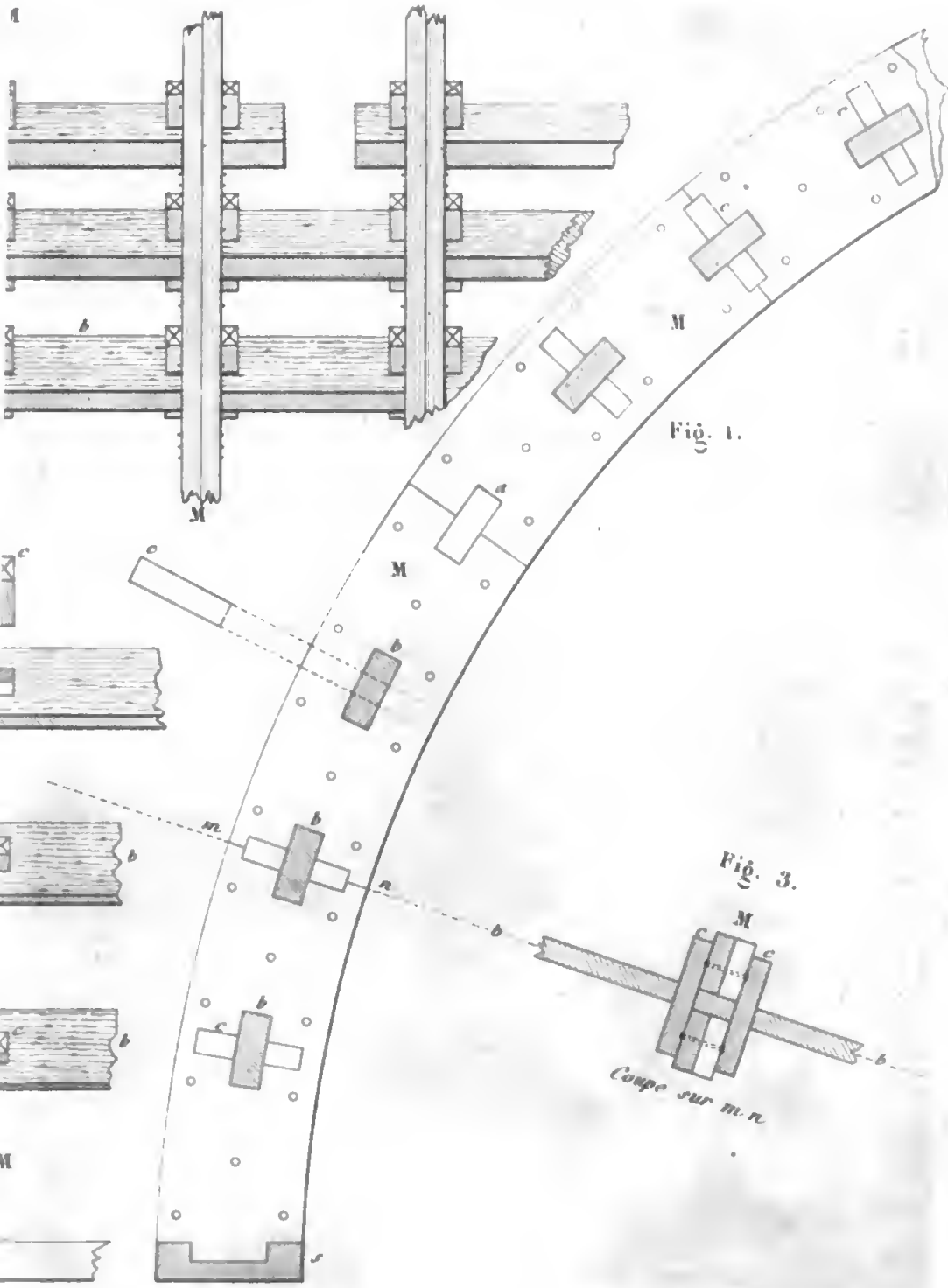


Fig. 1.

Fig. 3.

BIBLIOTECA NAZIONALE NAPOLI

Fig. 1.

Fig. 2.

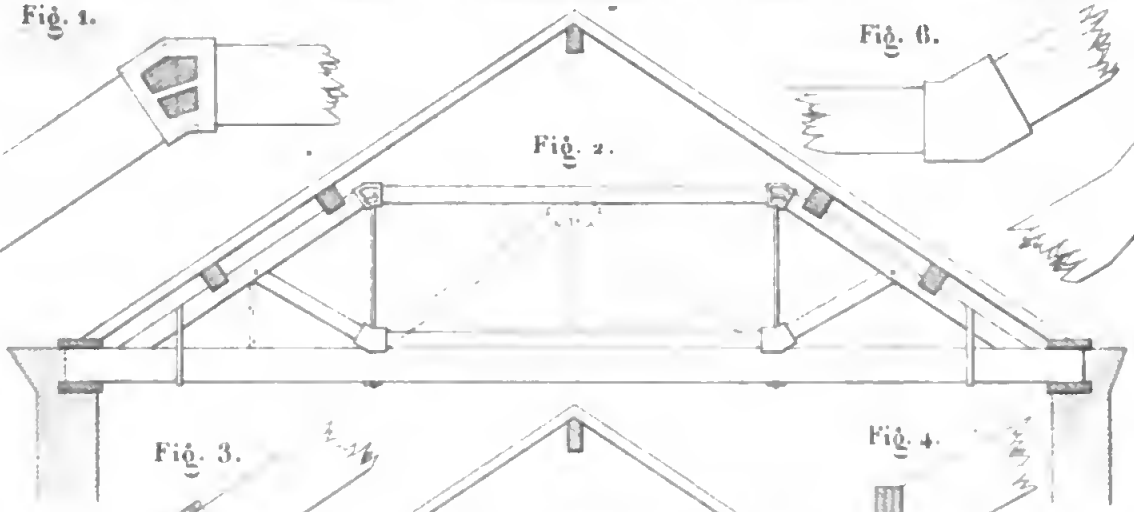


Fig. 6.

Fig. 7.

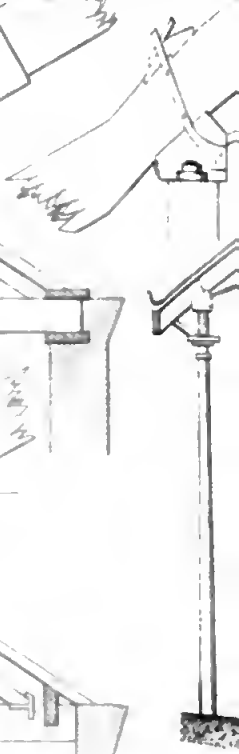
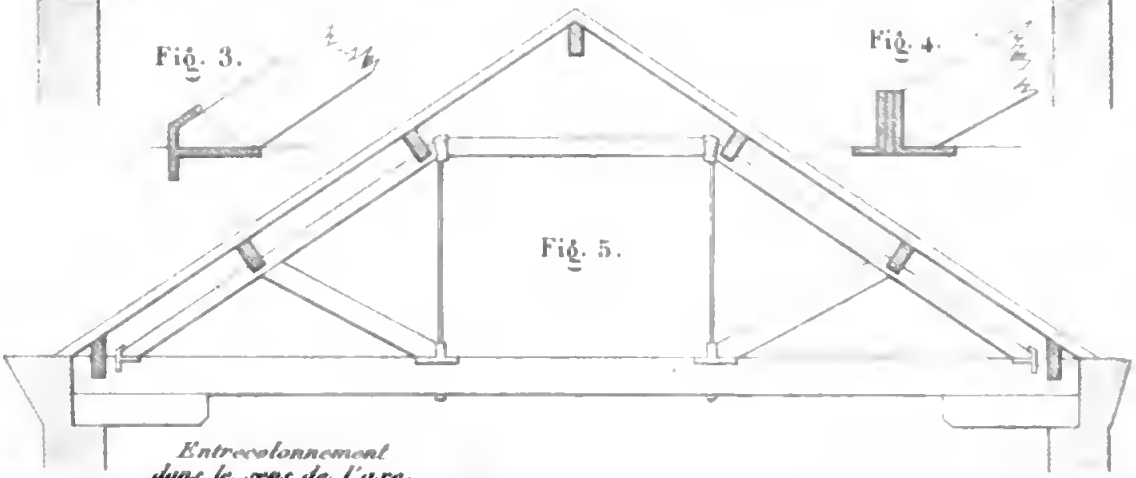


Fig. 3.

Fig. 4.

Fig. 5.



Entrecolonnement dans le sens de l'axe.

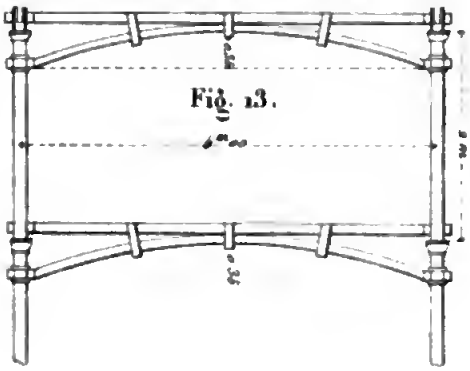


Fig. 13.

Elévation d'une

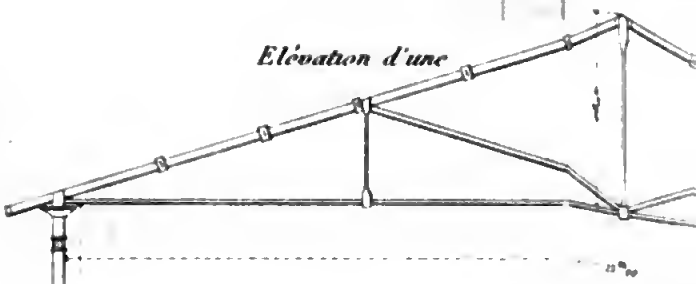
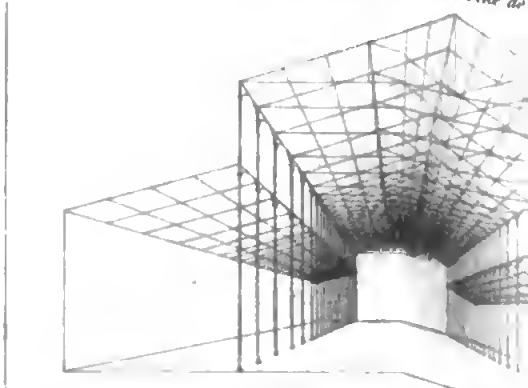


Fig. 12.

Vue perspective du Marché de



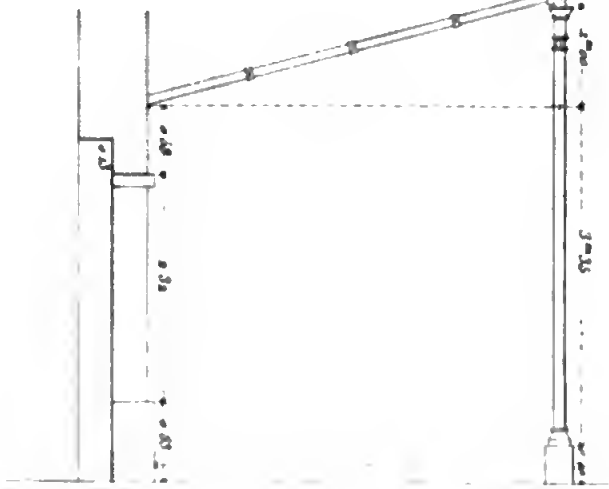


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Fig. 7.

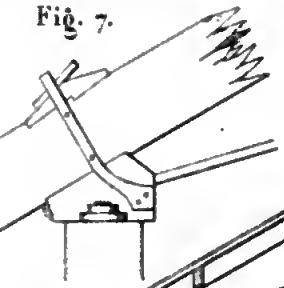
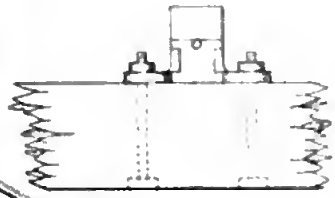


Fig. 9.

Fig. 10.



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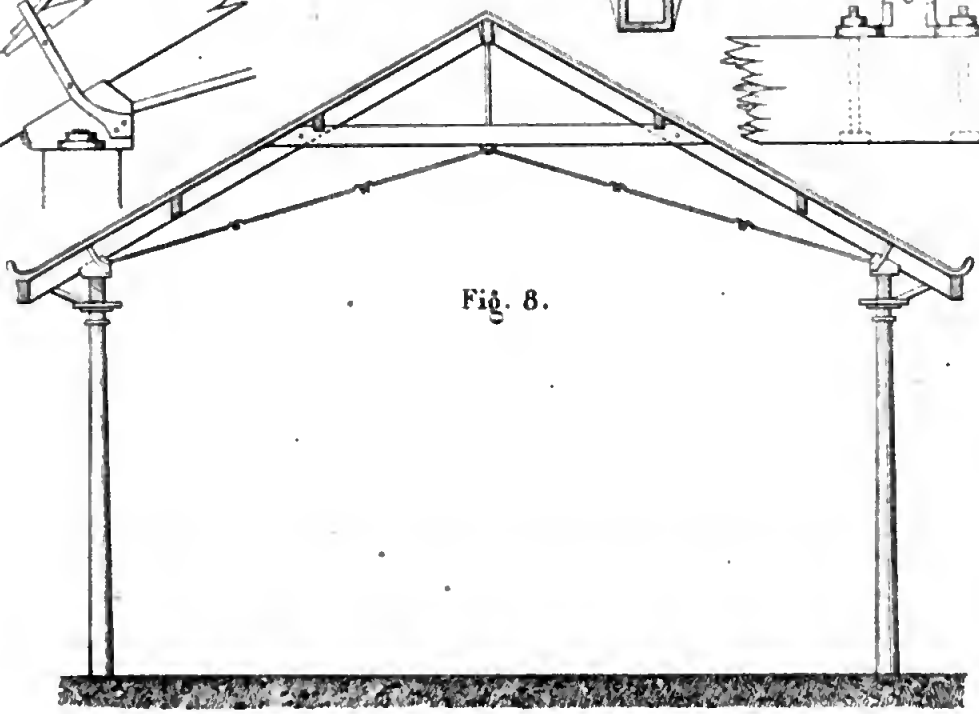
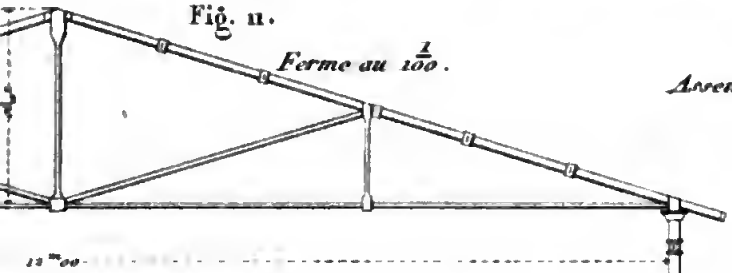


Fig. 11.

Ferme au $\frac{1}{100}$.



Assemblage des Ardoises de Zinc sur le comble

Fig. 14.

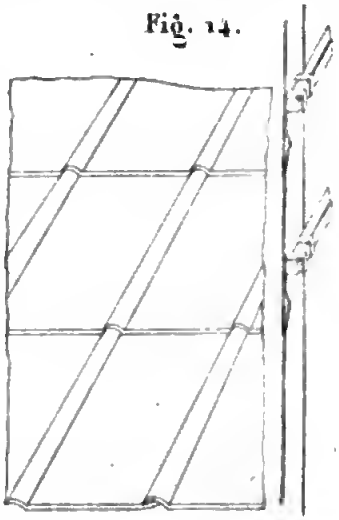
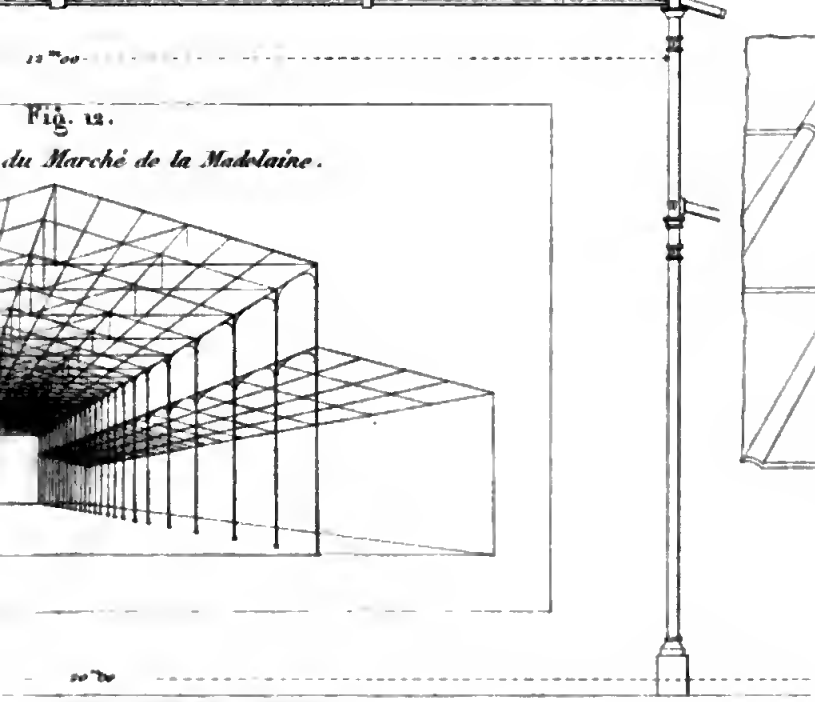


Fig. 12.

du Marché de la Madelaine.



App^t Chartier sculp.

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BIBLIOTECA NAZIONALE
NAPOLI

DÉTAILS D'UNE

Pièces en fonte servant à assembler
le Faux et les Arbalétriers

Élévation

Fig. 4.

Plan

Pièces en fonte servant à assembler
les Pannes et l'Arbalétrier

Élévation

Fig. 5.

Panne rencontrant un Arbalétrier

Fig. 6

Poinçon latéral

Partie sup.r transversale par l'axe

Fig. 11.

Chapiteau inférieur
dans le sens de l'axe.

Plan

Fig. 9.

Assemblage sur le Chapiteau sup.r
de l'Arbalétrier, du Tirant et de la
Ferme d'entrecolonnement.

Fig. 13.

du grand comble
sur la Panne sup.re

Fig. 16.

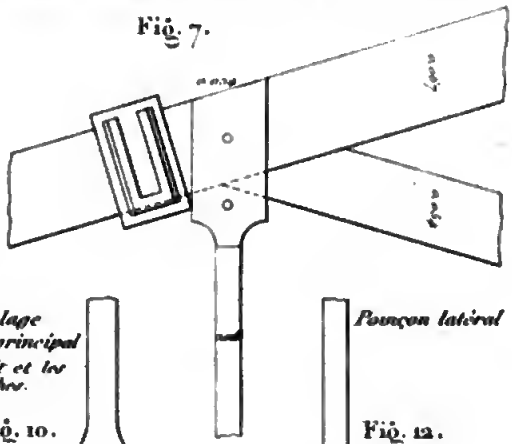
sur le Faitage

Fig. 19.

Échelle de 0.m 10 par mètre.

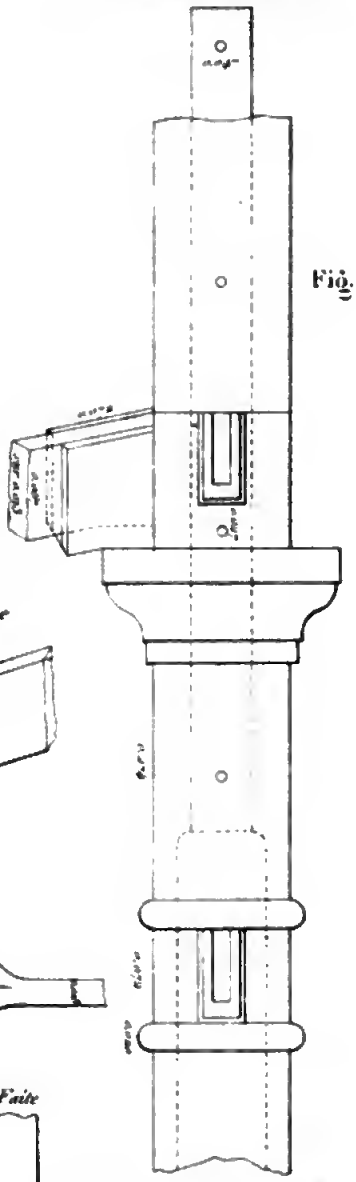
Panne. Arbalétrier. Contre-fiche et Poinçon.

Fig. 7.



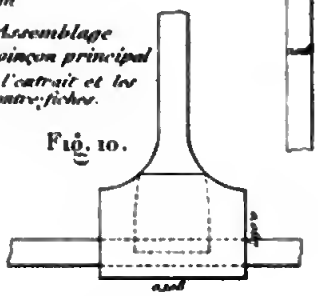
Chapiteau inférieur dans le sens de la Ferme

Fig. 8.



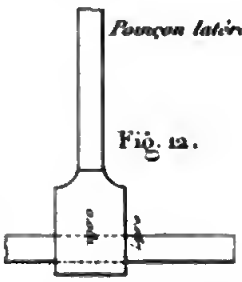
Assemblage du Poinçon principal avec l'entrait et les Contre-fiches.

Fig. 10.



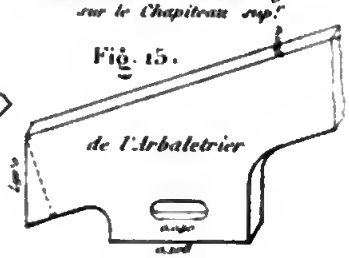
Poinçon latéral

Fig. 12.



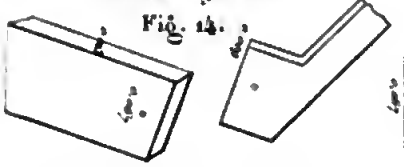
Délait de l'Assemblage sur le Chapiteau sup.r

Fig. 15.

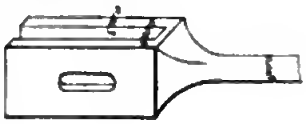


Assemblage de l'Arbaletrier. avec la Panne inférieure.

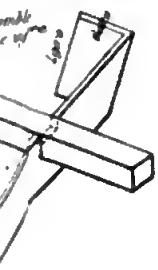
Fig. 14.



et du Tirant.

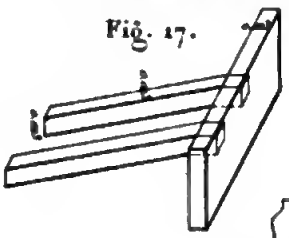


Assemblage des Chevrons



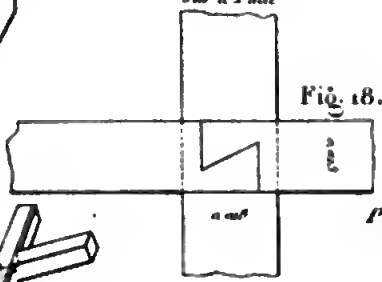
des bas côtés sur les Fermes d'entrecolonnement.

Fig. 17.



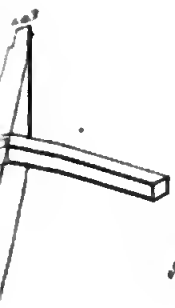
sur le Faite

Fig. 18.



sur les Pannes à mi épaisseur.

sur les Pannes de bas côtés.



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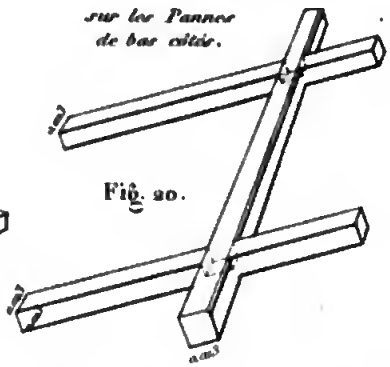
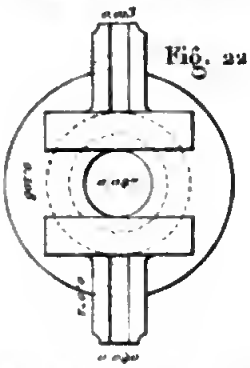


Plan du Chapiteau.

Fig. 22.



App.te Chartier sculp.

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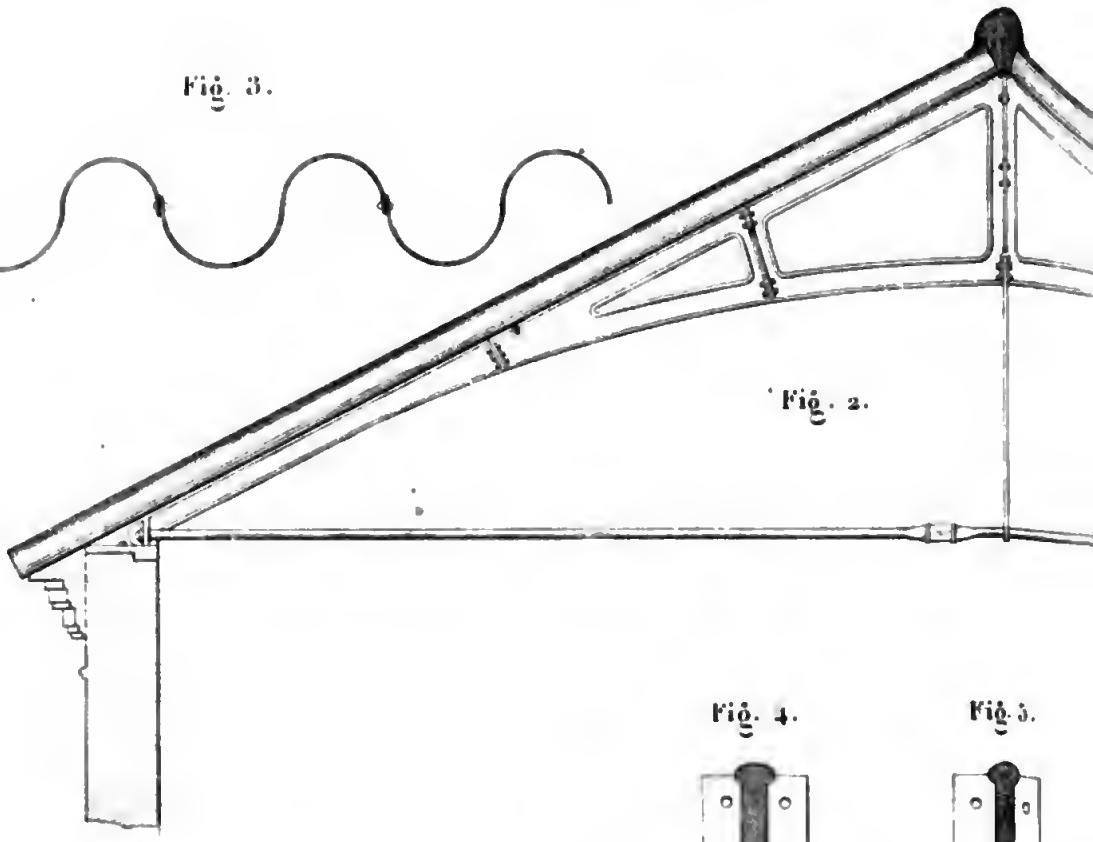
Fig. 3.

Fig. 2.



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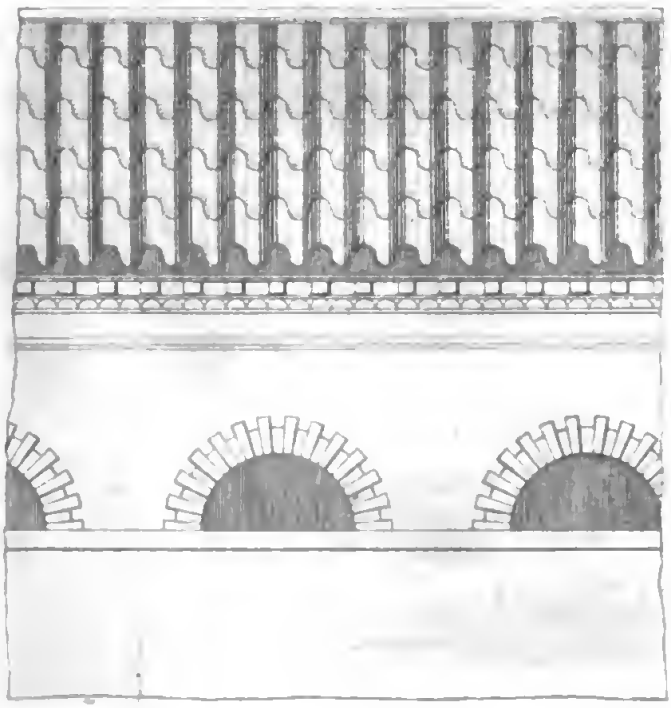
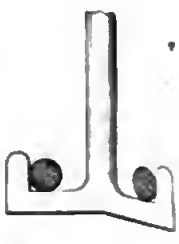
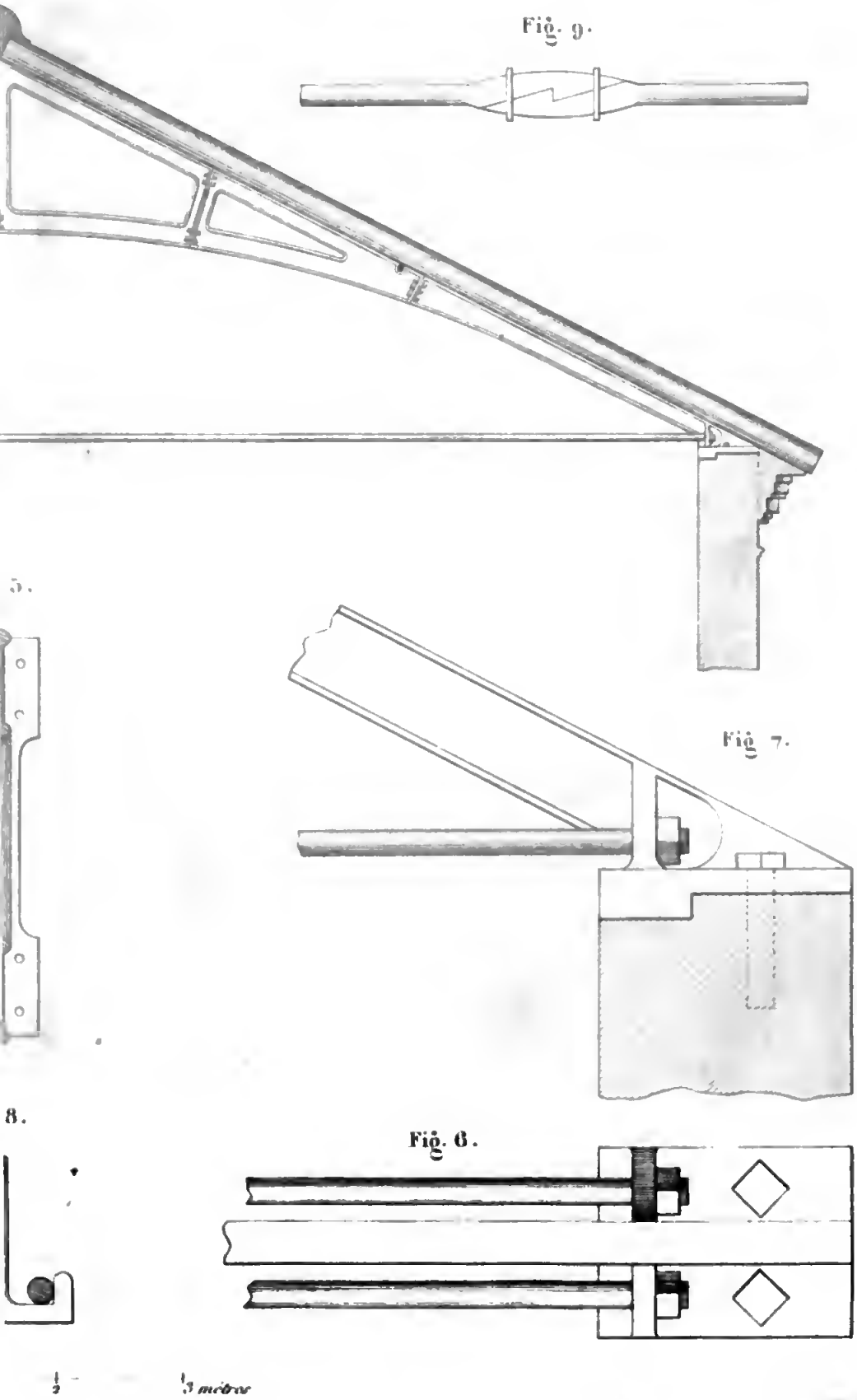


Fig. 4.

Fig. 5.

Fig 8.





Appre Chartier sculp

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FERM

Ferme en maçonnerie Fig. 6.

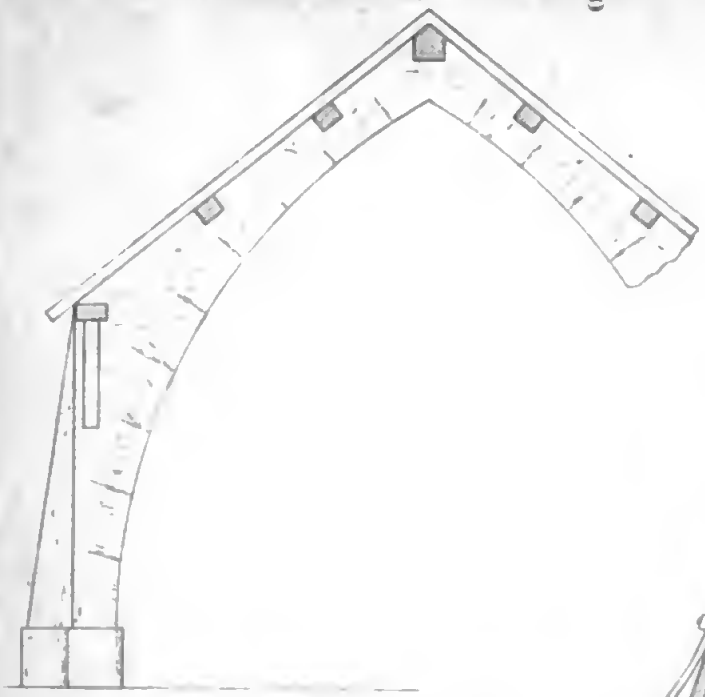
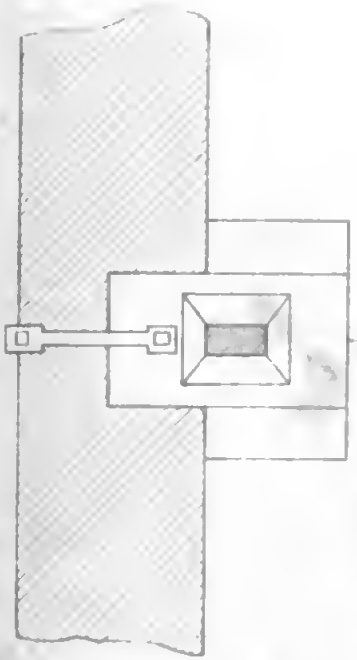


Fig. 1

Fig. 3.



Ferm
fon

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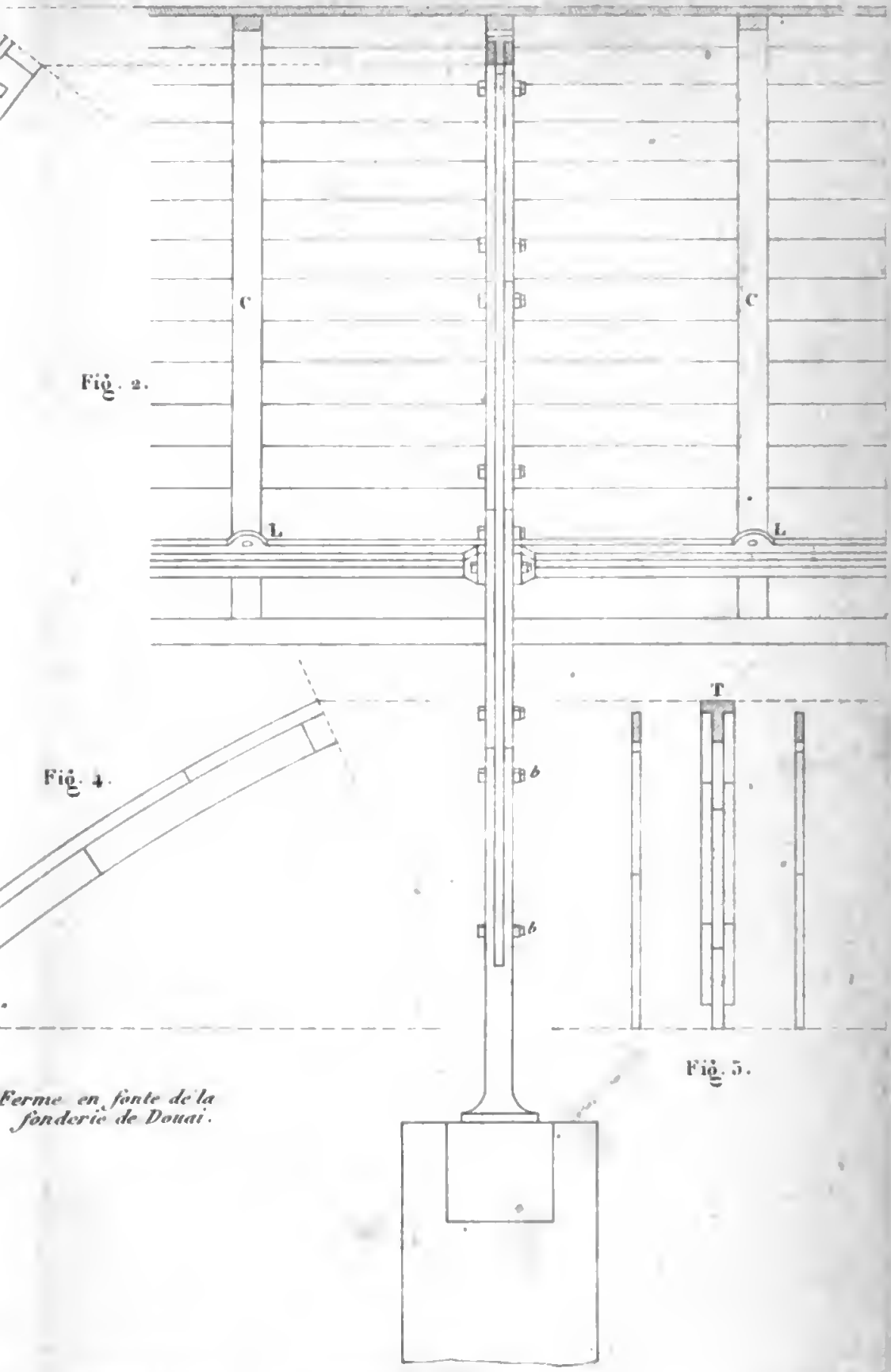


Fig. 2.

Fig. 4.

Fig. 5.

Ferme en fonte de la fonderie de Douai.

Appre Chartier sculp. *Appre Chartier*

FILON. Fig. 1.

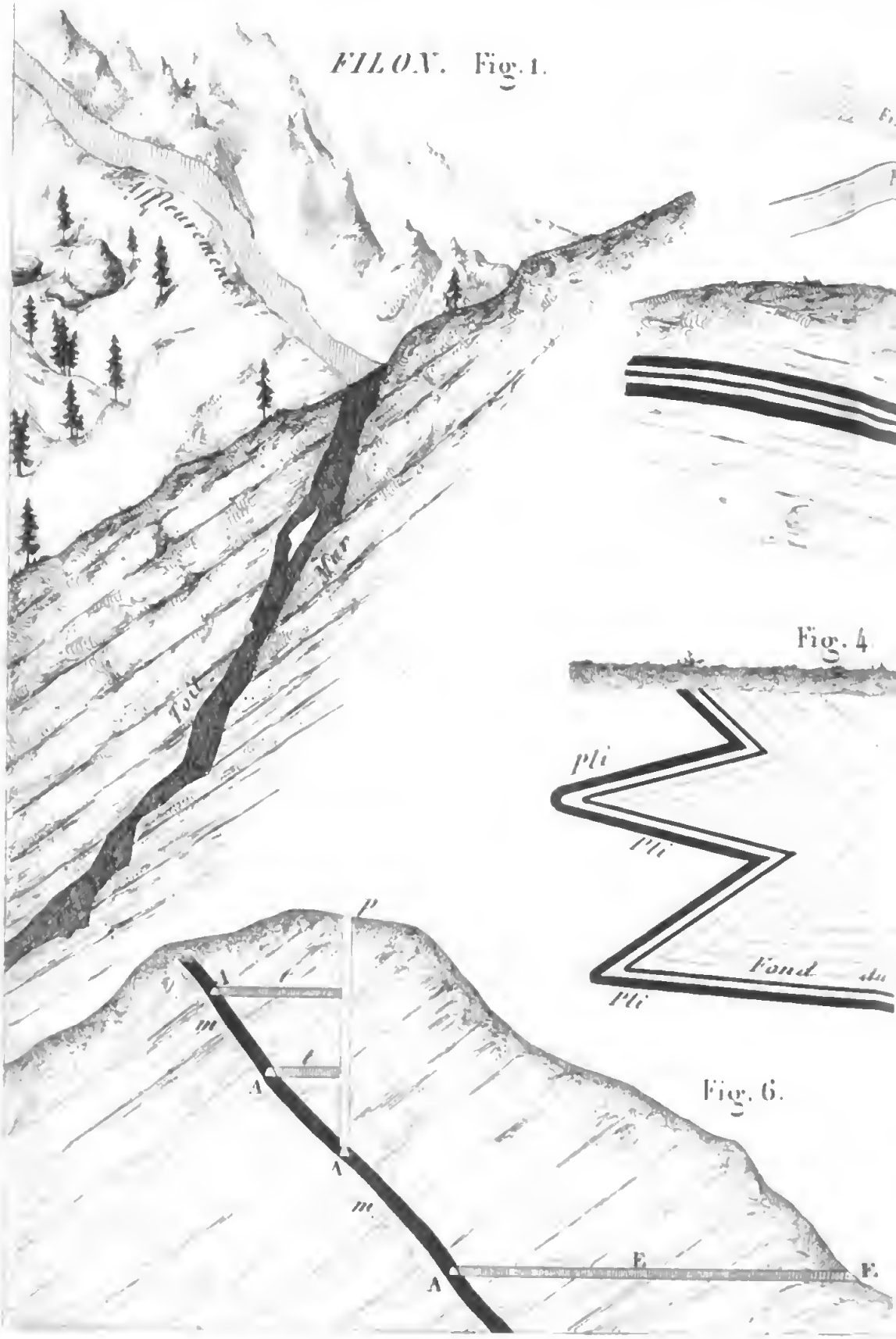
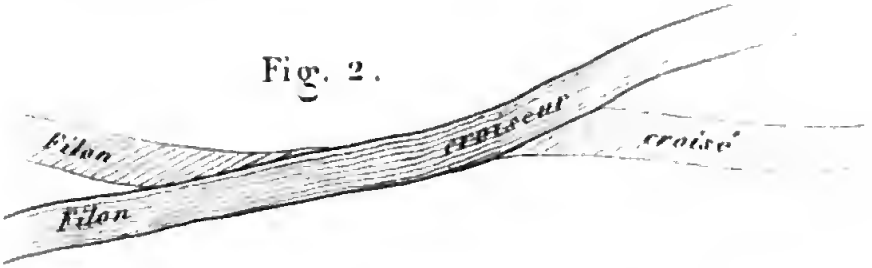


Fig. 6.

Fig. 2.



COUCHE. Fig. 3.

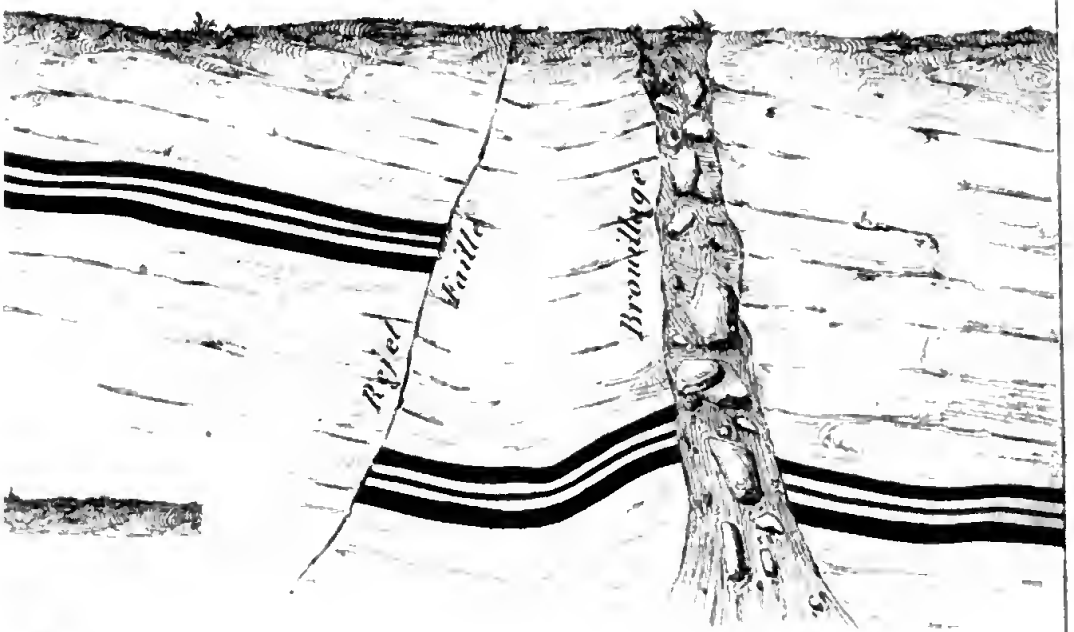


Fig. 5.

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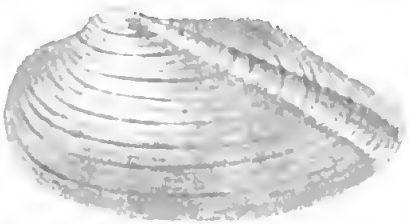
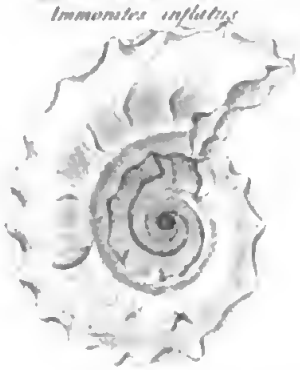
Anondonta anatina



Immonites inflatus

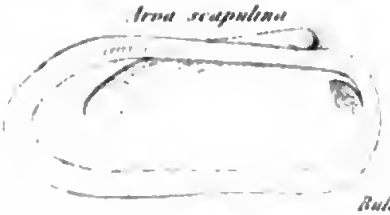


Arcuula digitata

Anomites ovata

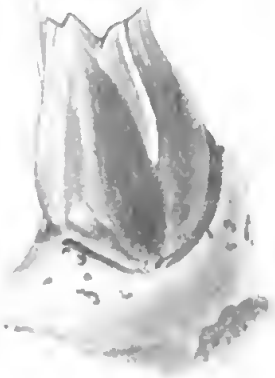
Auricula nitens

Arca scapulina



Bulla ovulata.

Balanus rosaceus.



Asterias quinqueloba

Armoph elongatus.

Bellerop

Cardium porulosum

Crassatella tumida

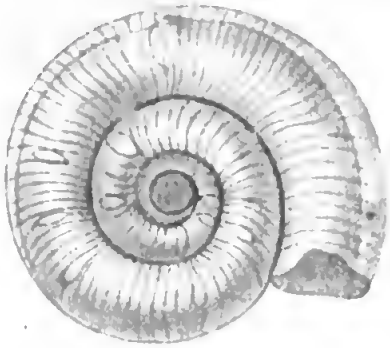
Cirbis lamellosa

Cyprolites.

Cyathophillum helianthoides.

Calyptrea deform

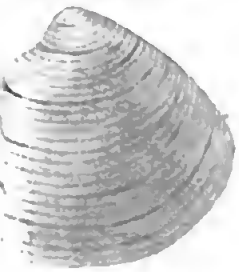
Ammonites clavus



Ampullaria pirum

Ammonites nodosus

Astarte burtini.



Astrea muricata

Apocrinites rotundus

Ancillaria glandiformis

Auricula buccinea

Belemnites mucronatus

bus hapschi.

Baculites anceps

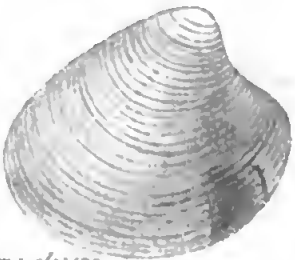
Bulimus radiatus

Buccinum obliquatum

nnellina

Cytherea semisulcata

Cyprina islandicoides



Cinus mercati

Cyclostoma elegans.

Cypræa pisolina

Lemaître sc

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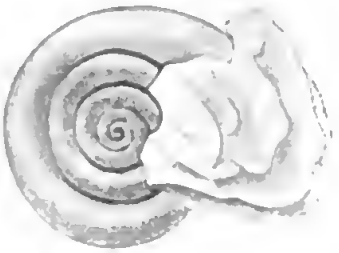
Cerithium hexagonum.

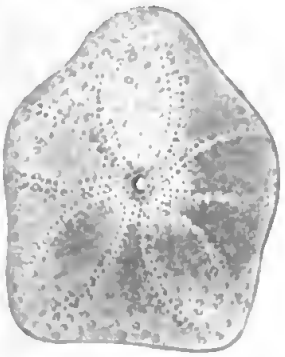
Cerithium nodum

Cassus cancellatus

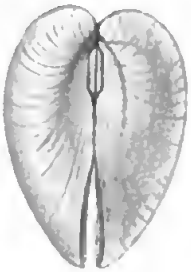
Cirrus rotundatus



Clypeaster altus.

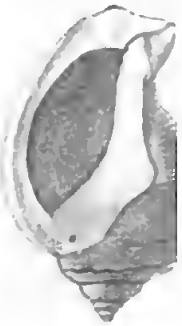


Cyrena fuscata



Clitho brevis pinx

Cassidaria carina



Conver punctulatus

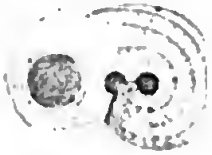
Cyprea daclosiana

Cassis avelana.

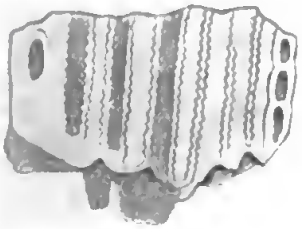
Dent de Crocodile

Dent de Squale.

Delphinula Warnu



Dent d'Elephant



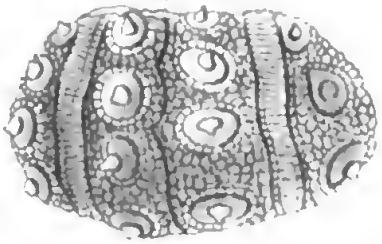
Fusus scalarus

Fungia polymorpha

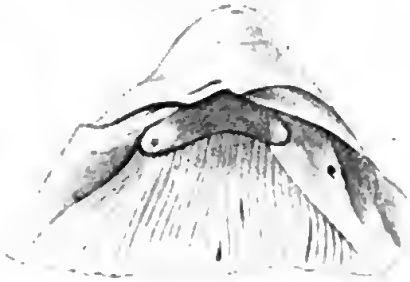
Fissurella gravia

-alsia[illegible] somerbii

Cidarites pseudo-diadema

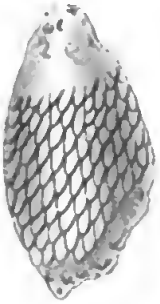


Calceola sandalina



Cancellaria cancellu

Calamopora polymorphos

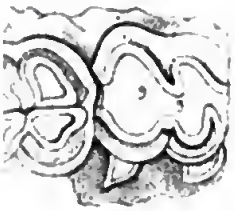


Cardita lamulata

Calymene tristani

Pentahum semangulare

de Rhinoceros.



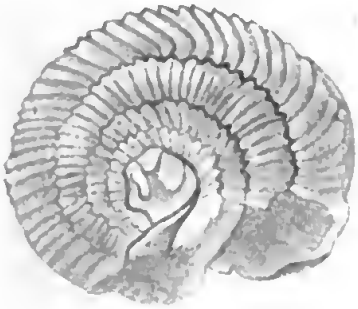
Dent de Mastodonte

Dent de Palæotherium

Fusus intortus

Fasciolaria lilpicata

Enomphalus rugosus.



Encrinites liliformis

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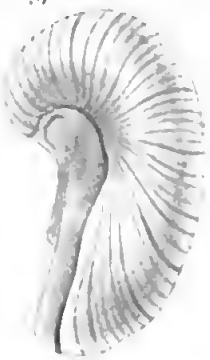
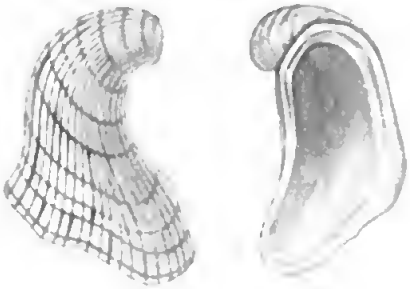
Gryphea arcuata

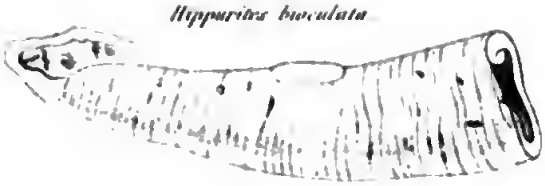


Gryphea virgula

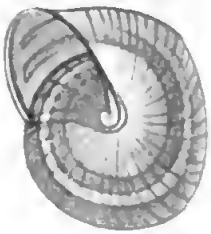


Gryphea columba

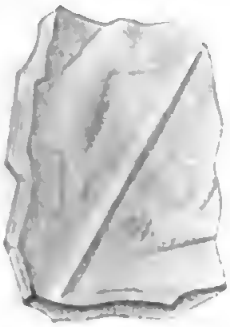
Hippurites bioculata



Helix nemoralis

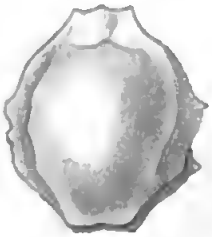


Graphtolites sagittarius



Isocardia rostrata

Leucosia cranularis.

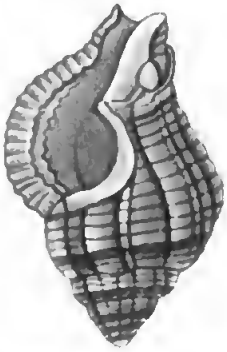


Lymnea auricularis

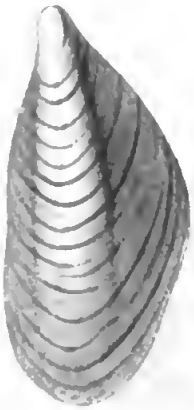
Vitra deluci.

Volvaria lactea

Murex subcrinaceus



Mytulites edulisformis.



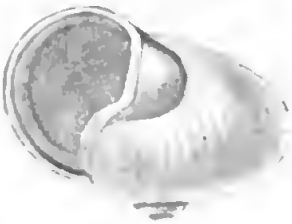
Volvaria ...

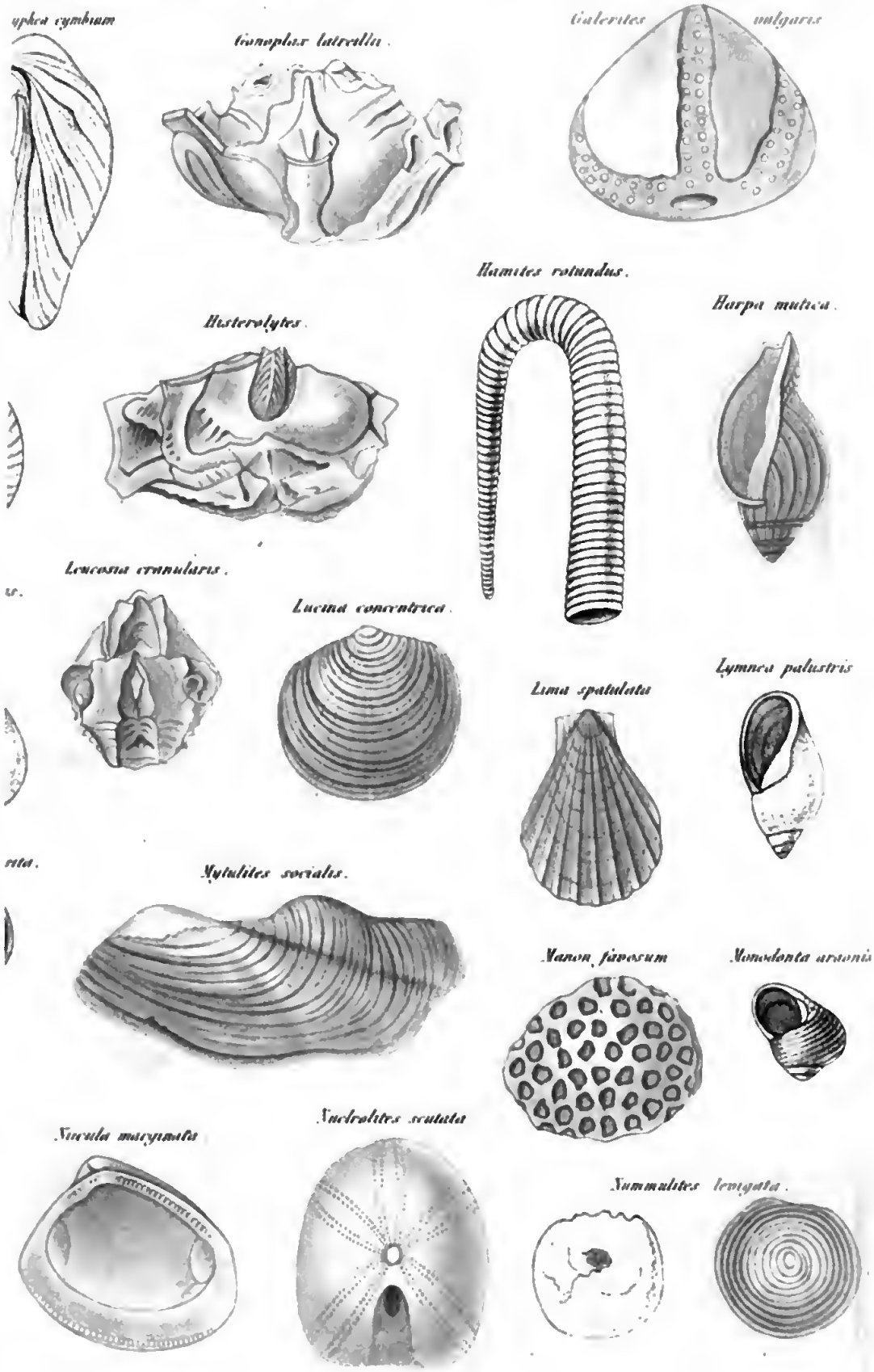
Melanopsis buccinoides

Vuichoit de poisson

Nargnella ovulata

Vaginella cepacea




yphea cymbium
Gonoplax latreillii.
Galerites vulgaris
Hamites rotundus.
Harpa mutica.
Histerolytes.
Leucosia cranularis.
Lucina concentrica.
Lima spatulata
Lymnea palustris
Mytulites socialis.
Manon favosum
Monodonta araonis
Nucula marginata
Nucleolites scutata
Nummulites levigata.

Lemaitre

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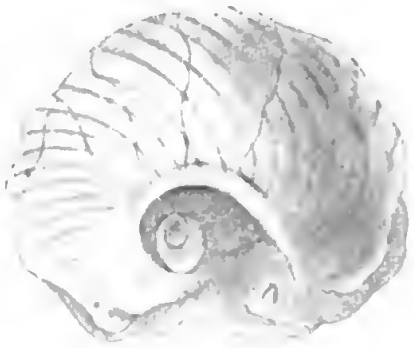

Nautilus elegans

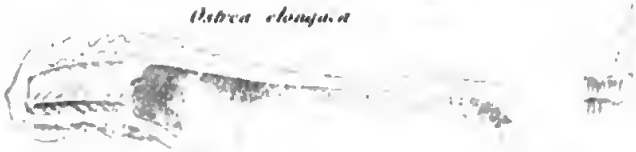
Vermea tuberculosa

Verita granulosa

Nerinea fluvialis

Ostrea flabellaides

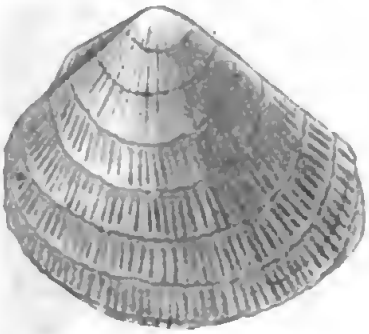
Oliva clavula


Ostrea elongata

Rostellaria p

Pectunculus pulvinatus

Paludina achatina


Plagiostoma punctatum

Podopsis

Productus scabriculus.

Pleurotomaria ornata

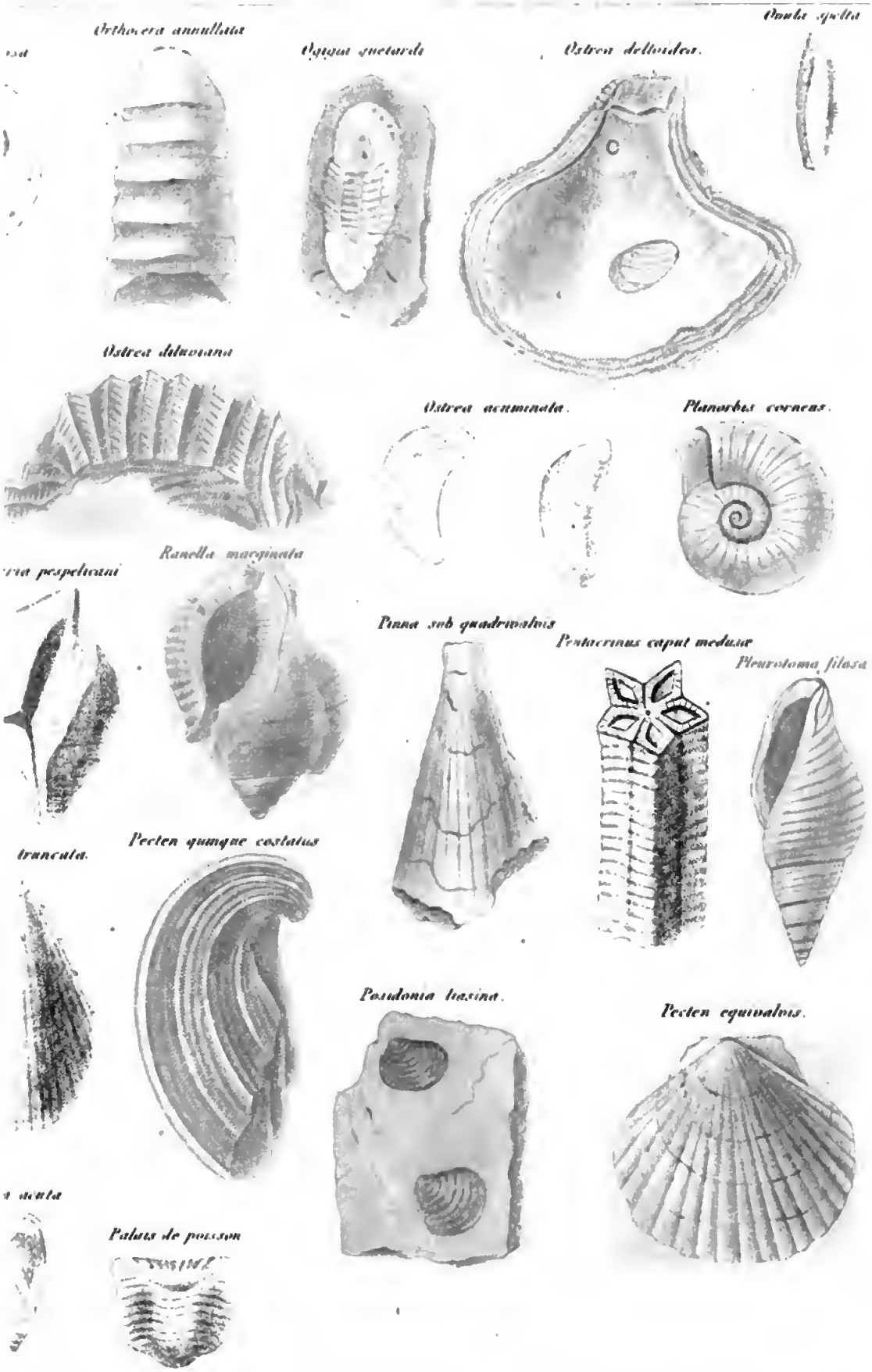
Pleurotomaria elongata.

Pyrula rusticula

Pleurotomaria corona capur

Phasianella princeps

Phasianella



Lemaitre sc.

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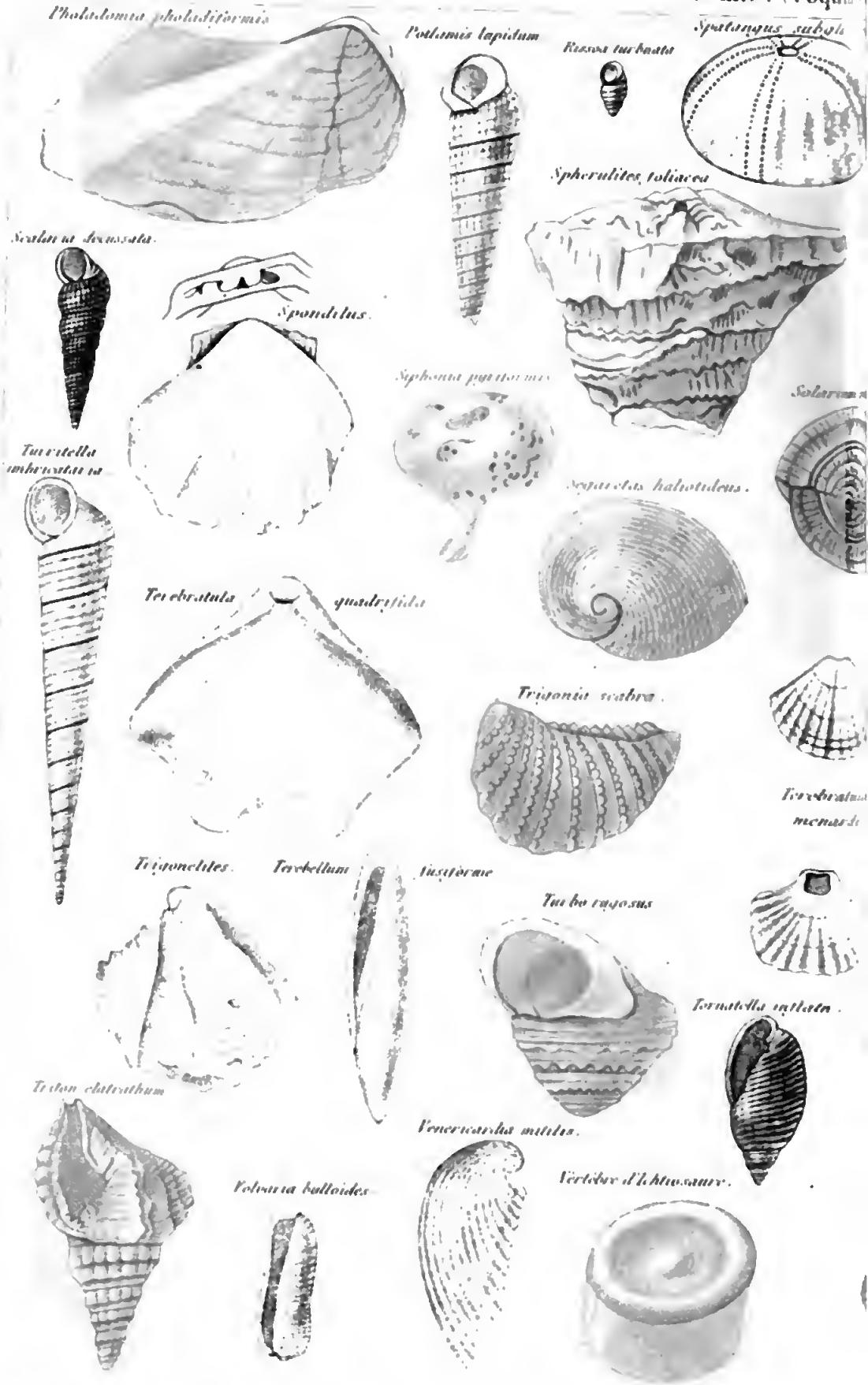
Phalaenna pholadiformis
Potamis lapidum
Rissoa turbinata
Spatangus subglo
Spherulites foliacea
Scalaria decussata.
Spondylus.
Siphonia pyriformis
Solarium
Turritella imbricataria
Separatus haliotideus.
Terebratula quadrifida
Trigonia scabra.
Terebratula
Trigonelites.
Terebellum fusiforme
Turbo rugosus
Ternatella cuttata.
Triton clathratum
Venericardia mutica.
Volvaria bulloides
Vertèbre d'Ichthyosaure.

Scaphites equalis

Scaphs annulatum

Strombus fortisi

Spirifer lineatus

Terebratula obsoleta.

Terebra plumaria

Strophomena rugosa

Turritites costatus.

Trochus carinatus.

Trochus elongatus.

Turbinolia sulcata

Tellina bipartita.

Terebellaria.

Voluta lamberti

Voluta musicalis

Unio petrorum.

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Fig. 1.

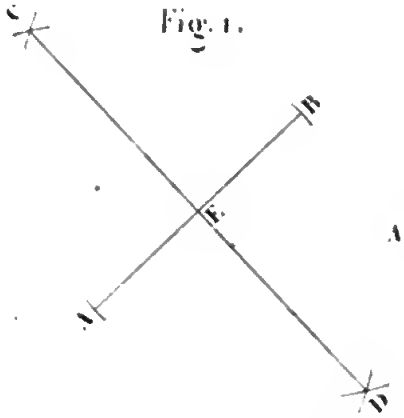

Fig. 2.

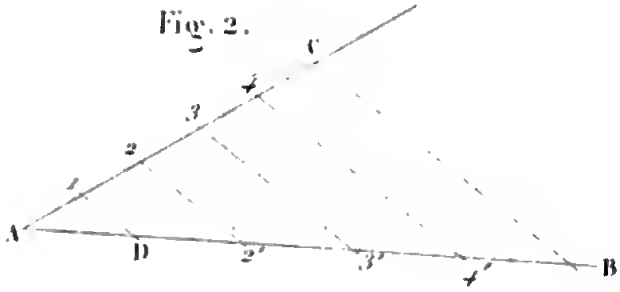

Fig. 3.

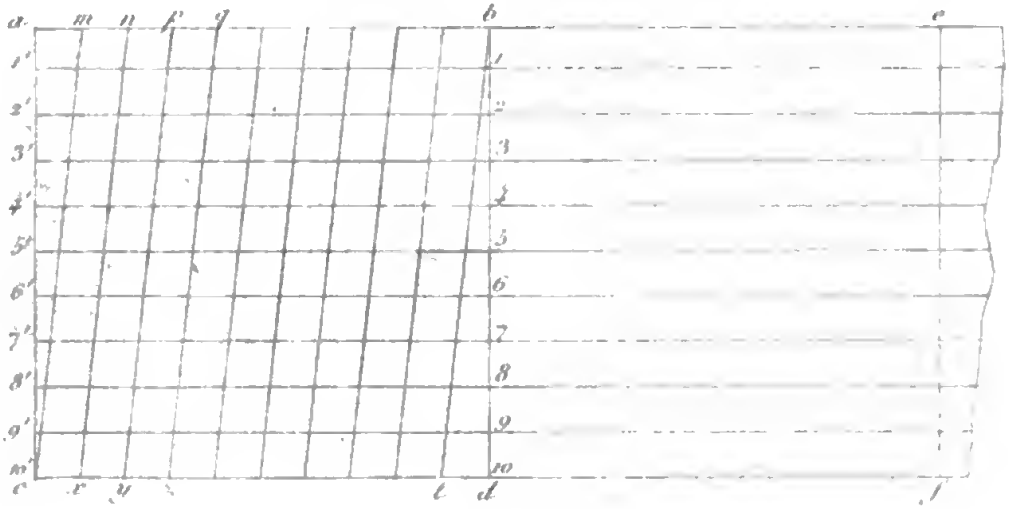

Fig. 8.

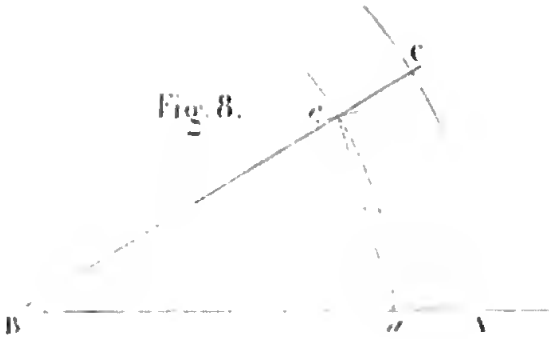

Fig. 9.

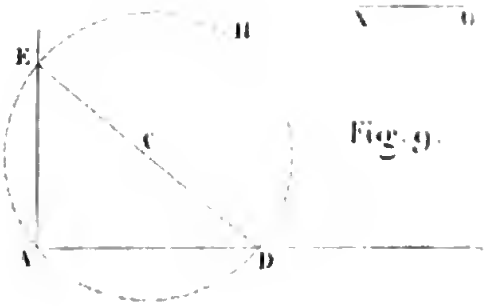

Fig. 13.

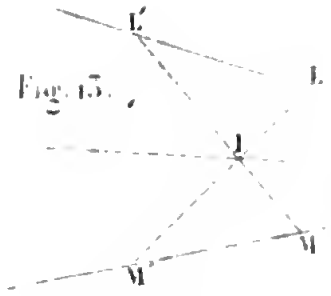

Fig. 14.

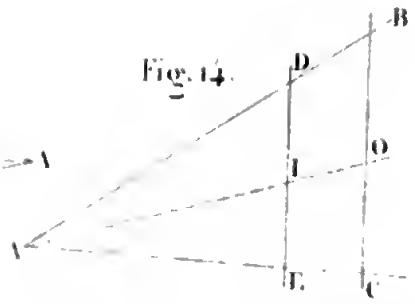

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Fig. 3.

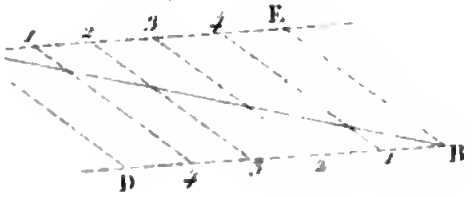
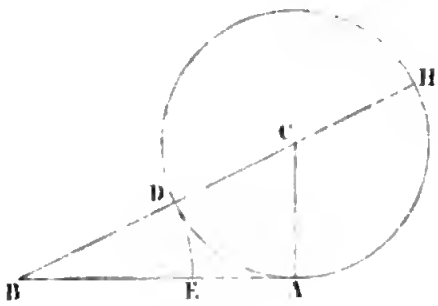


Fig. 4



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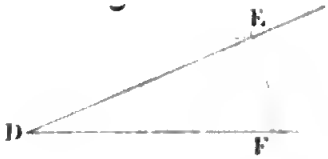

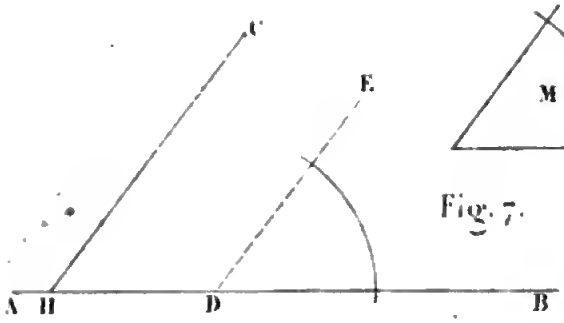

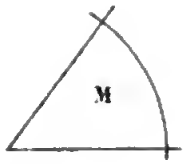

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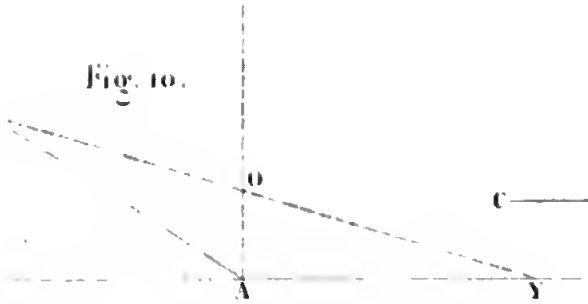

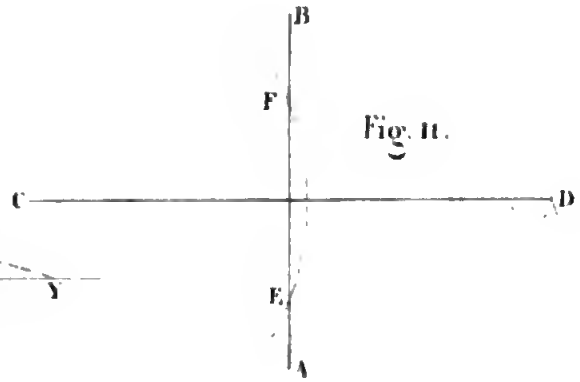

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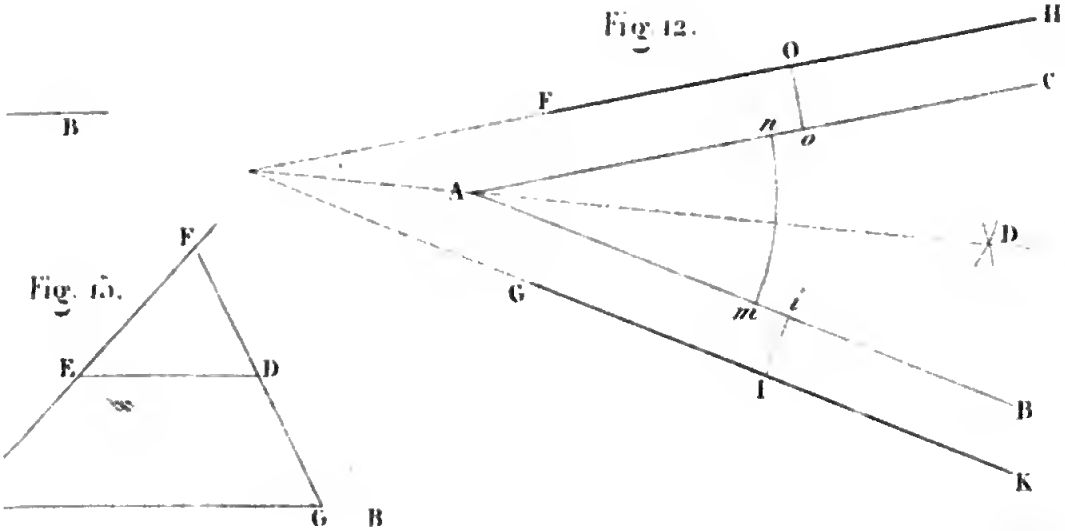

Fig. 15.

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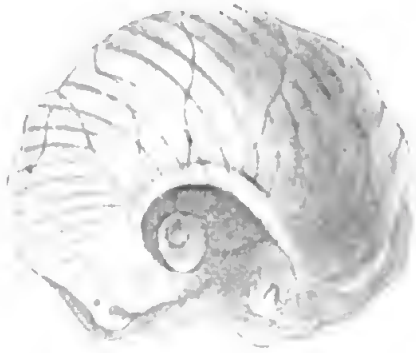
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Vermea granu

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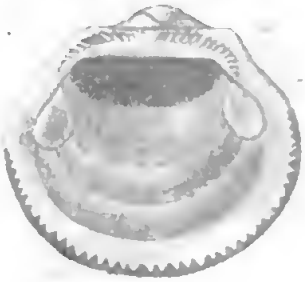
Ostrea flabellaides

Plana clavula

Ostrea elongata

Rostella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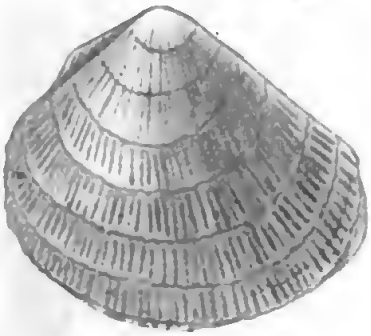
Paludina achatina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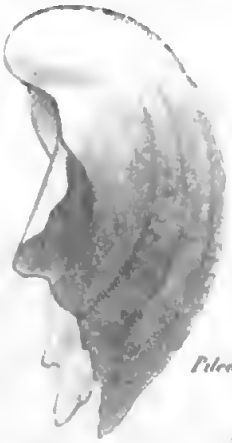
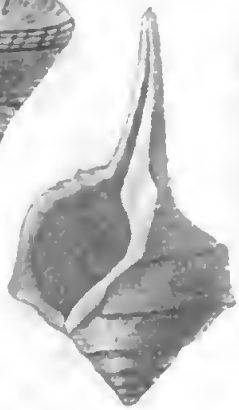
Podopsis


Productus scabriculus

Pleurotomaria ornata

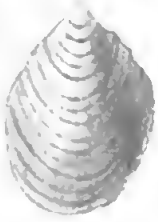
Pleurotomaria elongata

Pyrula rusticula



Phasianella princeps

Pleopsis ovum caput



Phas

Orthocera annullata

Ostrea deltoidea.

Ostrea diluviana.

Ostrea acuminata.

Planorbis corneus.

Ranella marginata.

Pecten quinque costatus

Posidonia bavina.

Pecten equivalvis

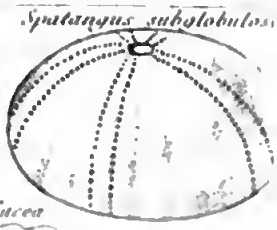
Palais de poisson

Pholadomia pholadiformis.

Potamis lapidum

Rissoa turbinata

Spatangus subglobulosus



Sphærulites foliacea

Scalaria decussata.

Spondylus.

Siphonia pyriformis

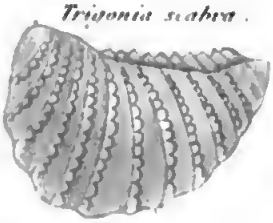
Solarium pu

Turritella imbricataria

Separetus haliotideus.

Terebratula quadrifida.

Trigonia scabra.



Terebratula menardi

Trigonelites

Terebellum fusiforme

Turbo rugosus

Turritella inflata.

Triton chatrathum

Venericardia antiqua.

Vertebre d'Ichthyosaure.

Volvaria bulloides

Strombus fortisu

Scaphites equalis

Scrupho annulatum

Spirifer lineatus

Strophomena rugosa.

Turritites costatus.

Turbo ornatus

Trochus carinatus.

Trochus elongatus.

Turbinella ebulata

Tellina lepurina.

Terebellaria.

Voluta lamberti.

Voluta mustaela.

Cuneo pectorum.

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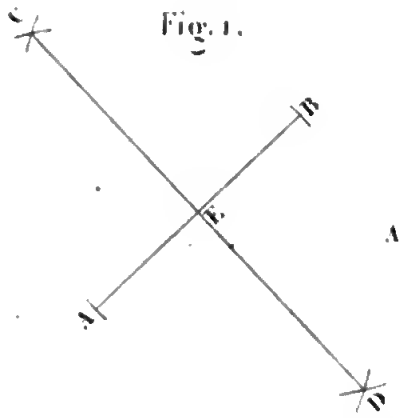
Fig. 1.



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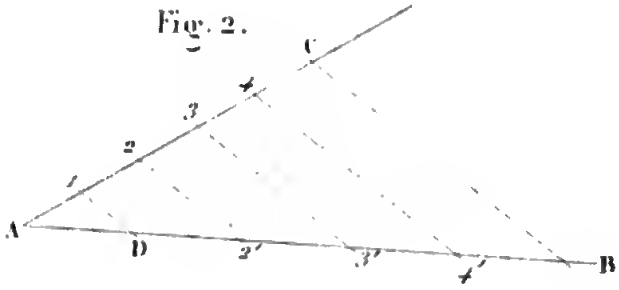

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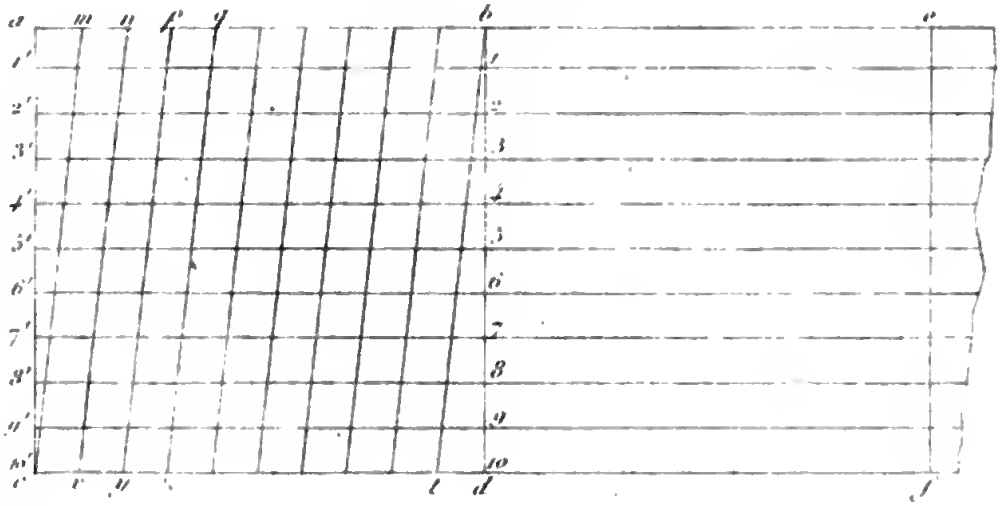

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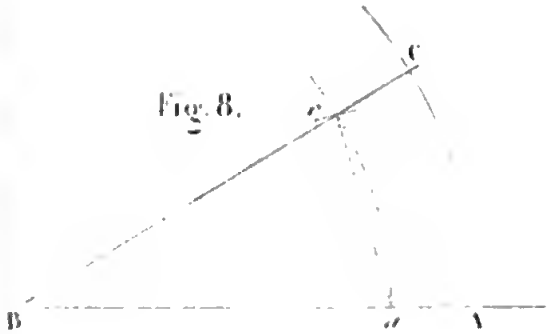

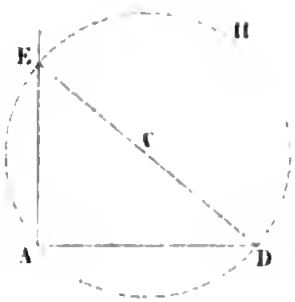

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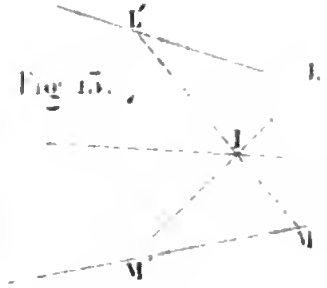

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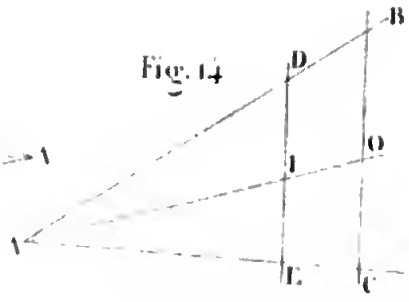

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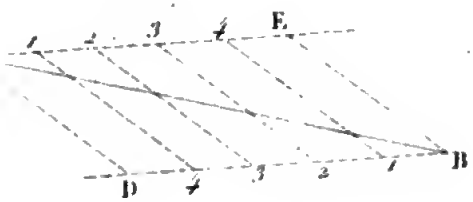

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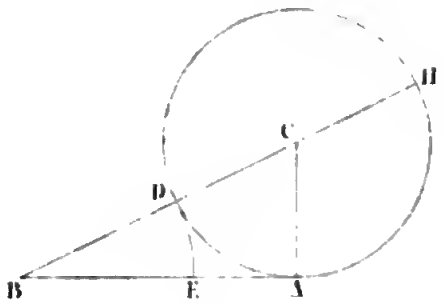

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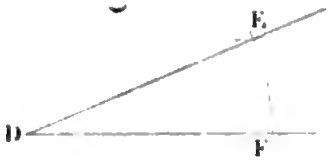

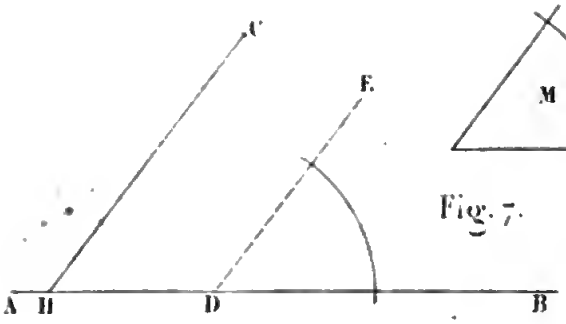

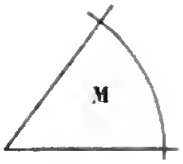

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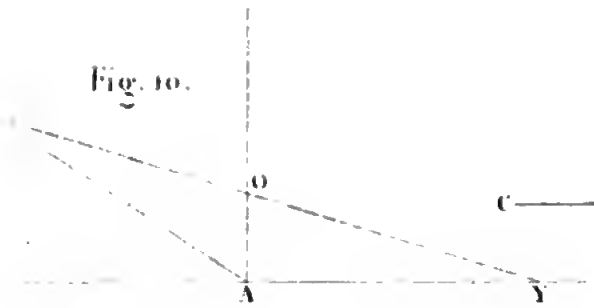

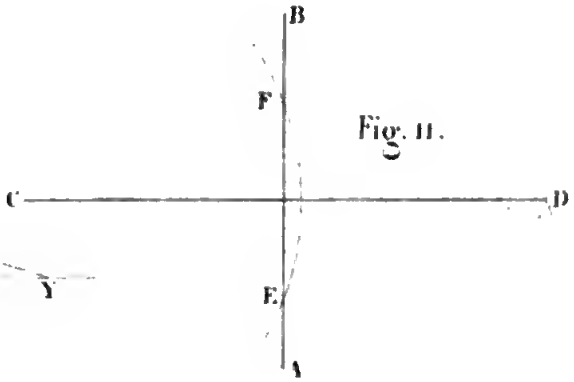

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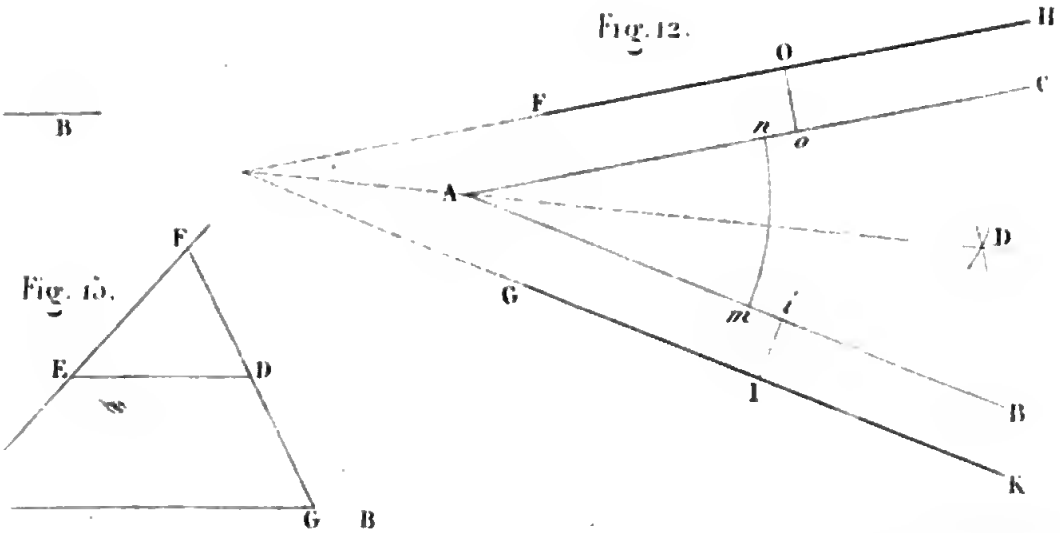

Fig. 13.

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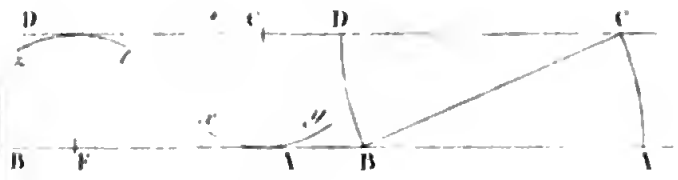

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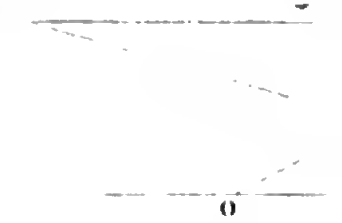

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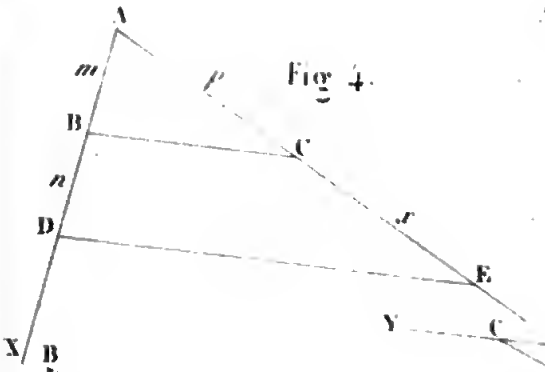

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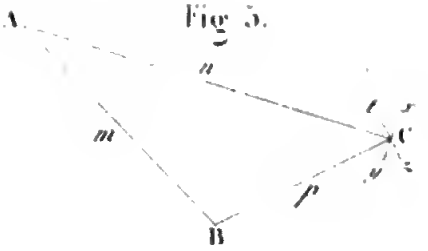

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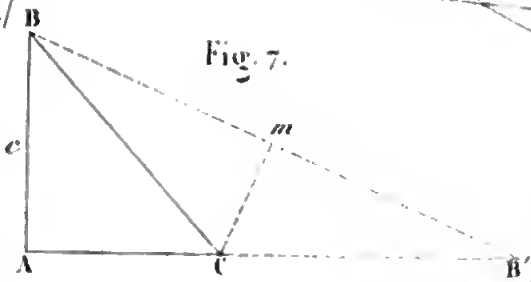

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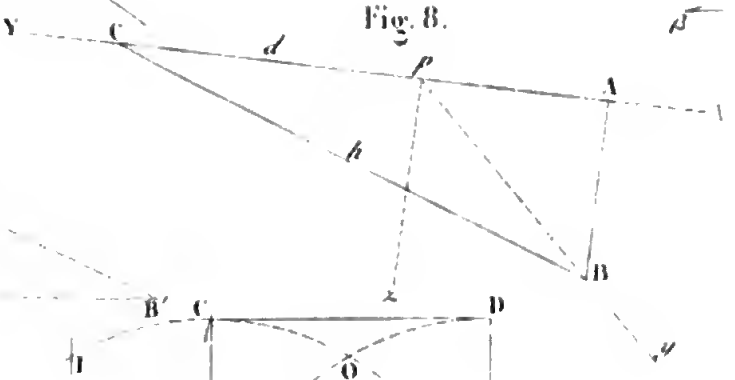

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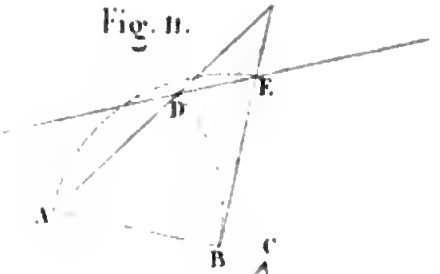

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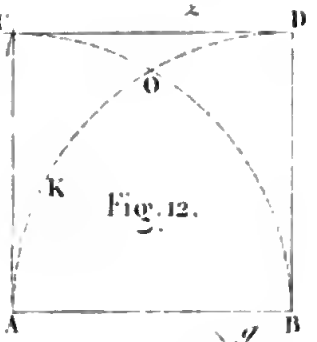

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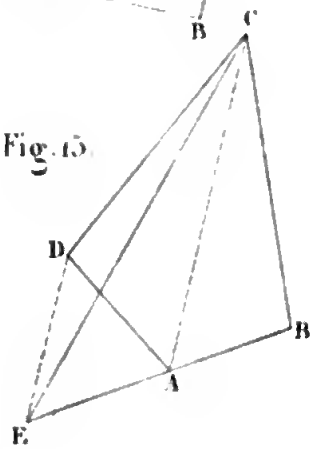

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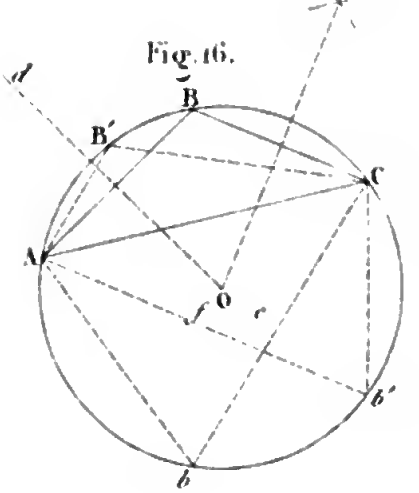

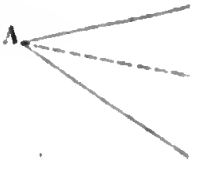

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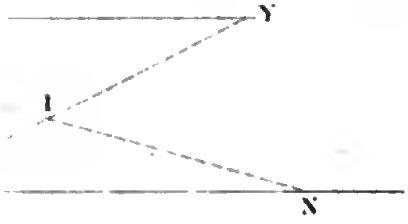

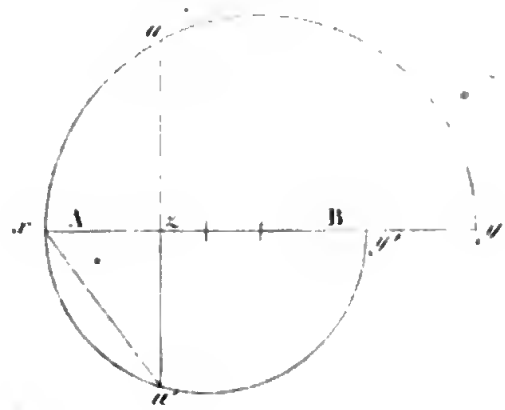

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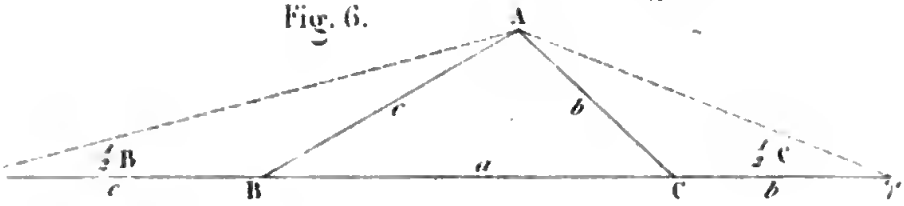

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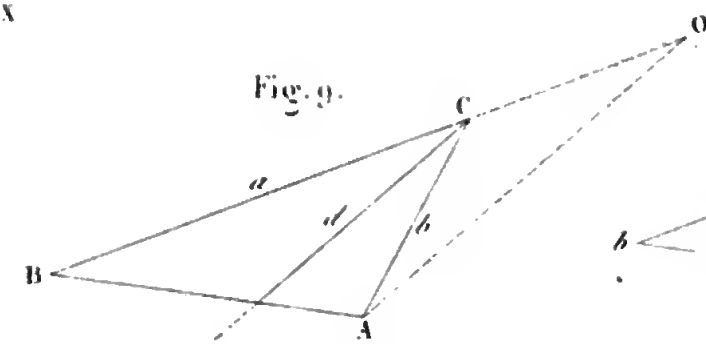

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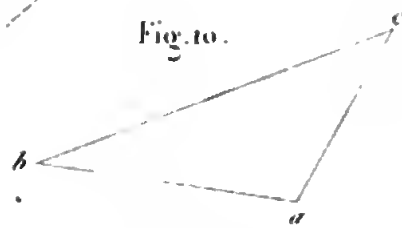

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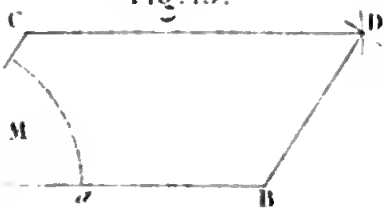

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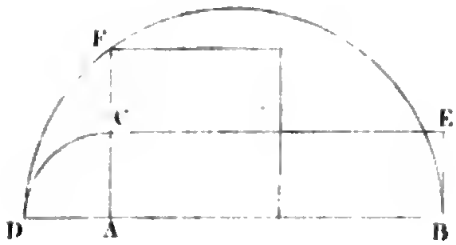

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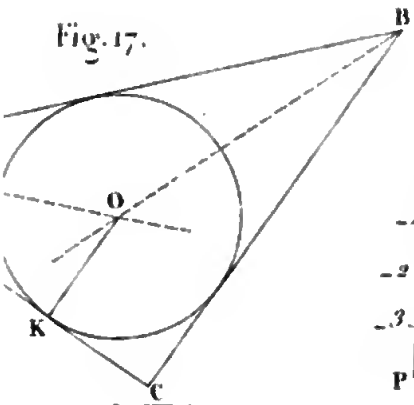

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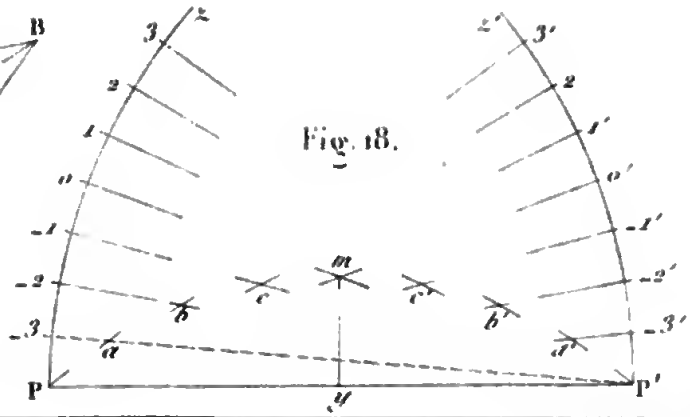

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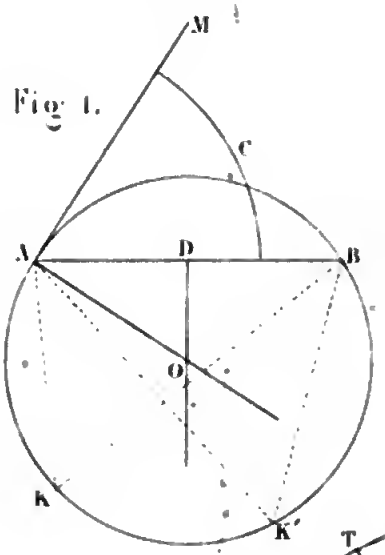

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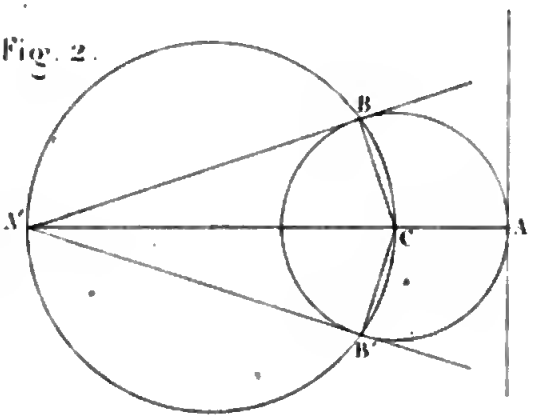

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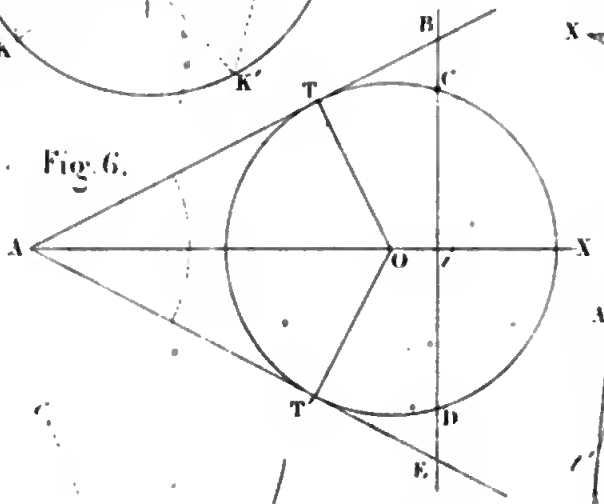

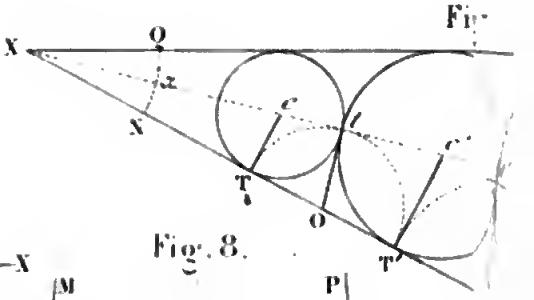

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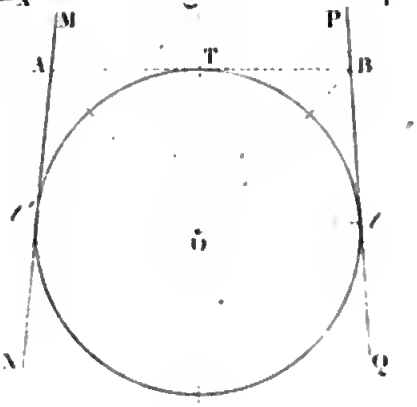

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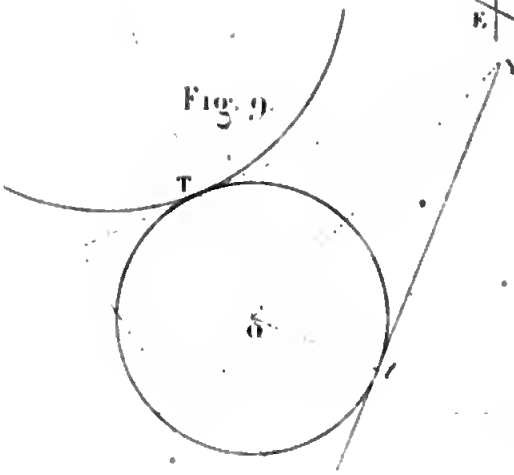

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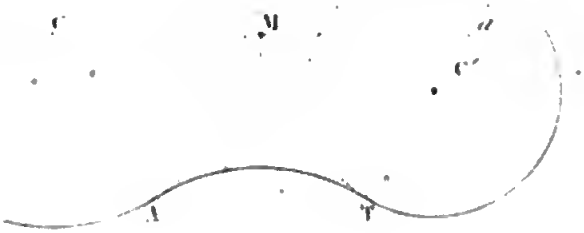

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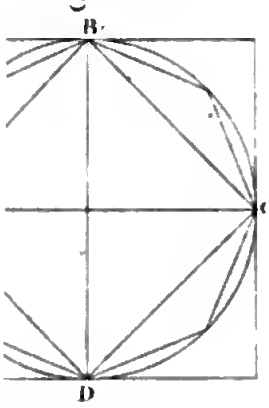

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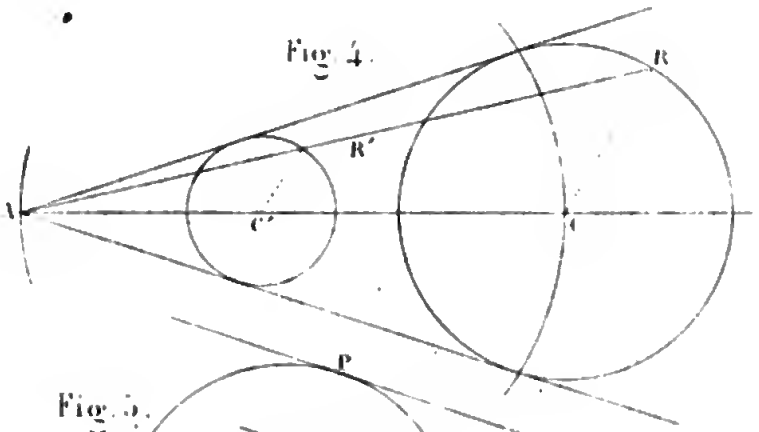

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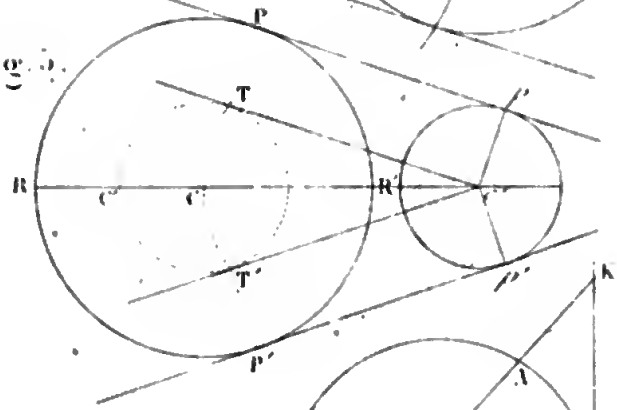

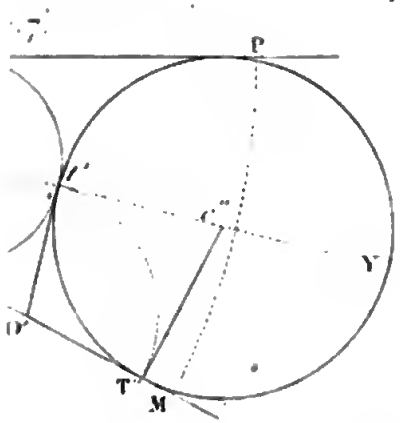

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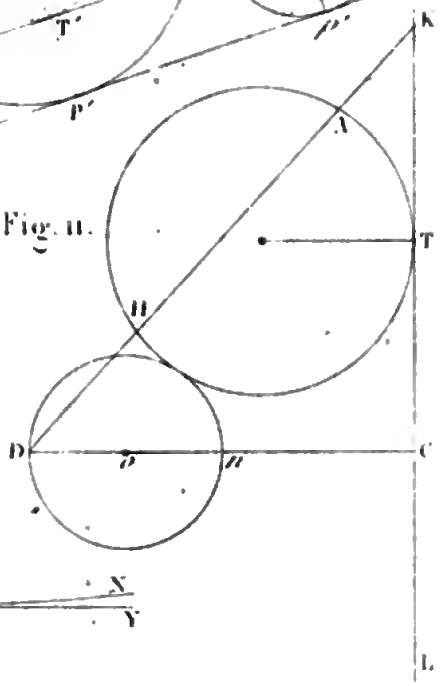

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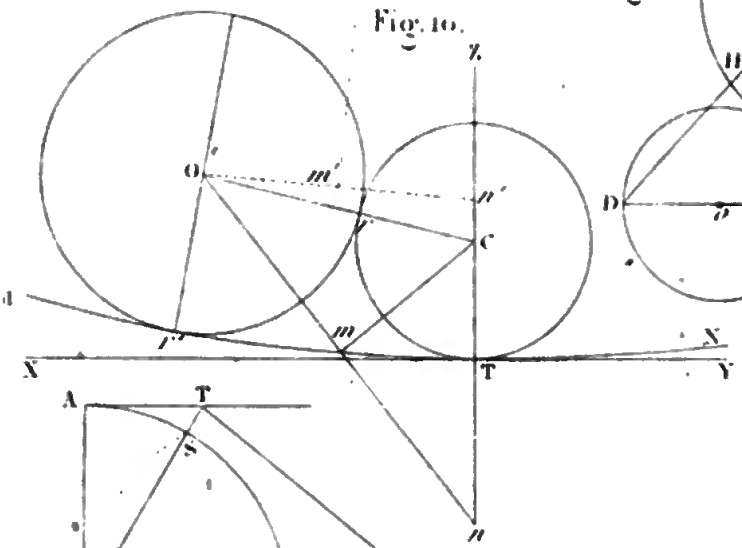

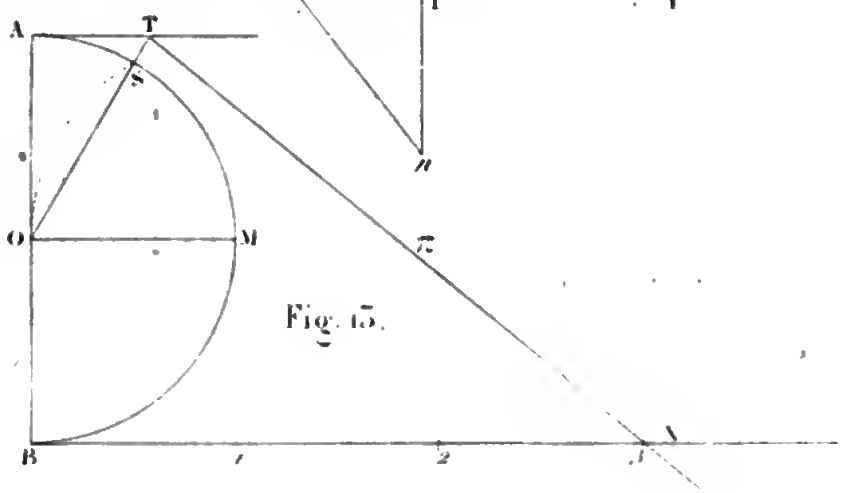

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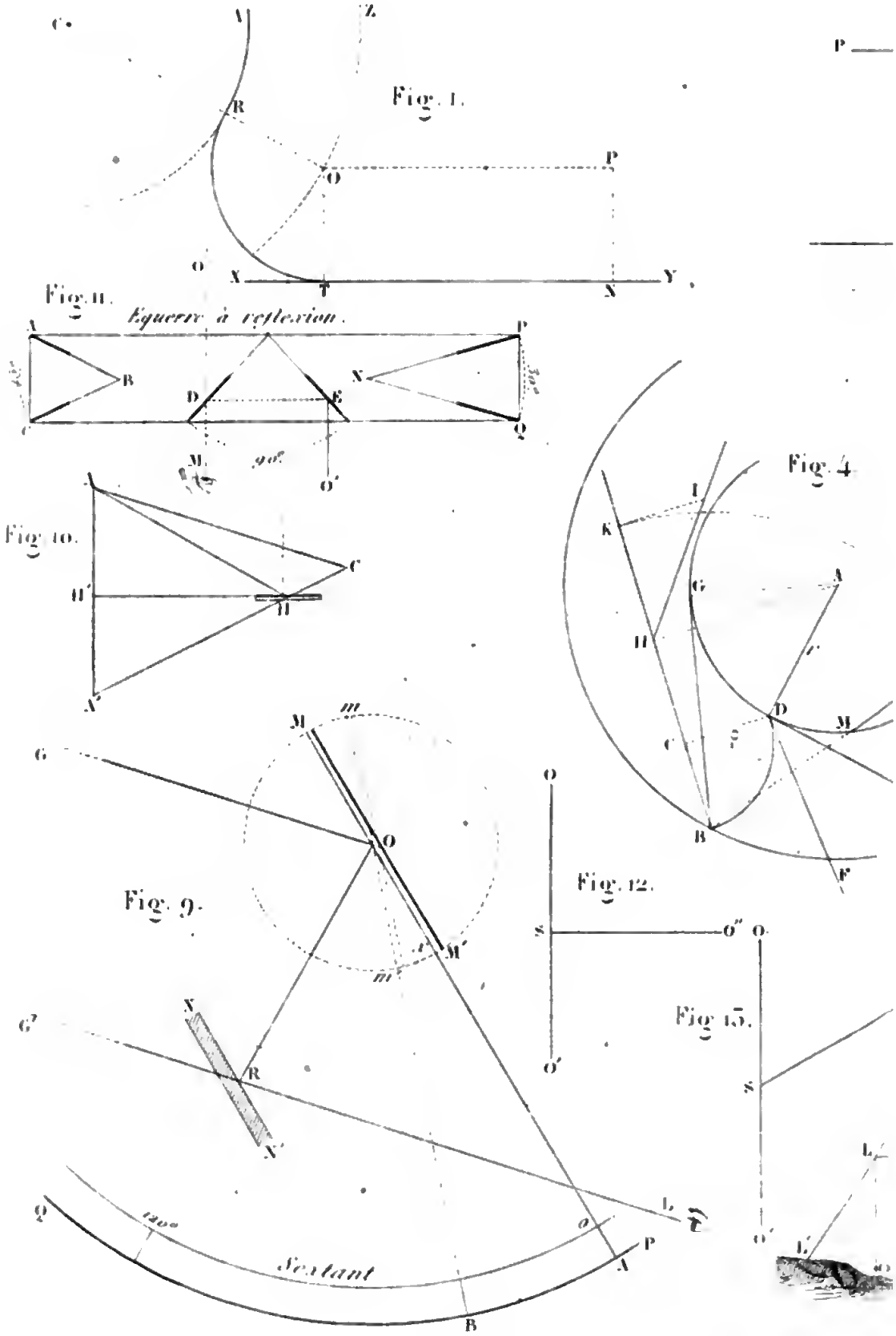
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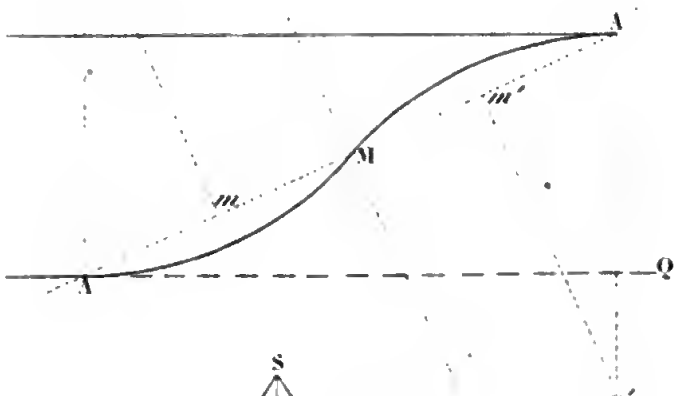

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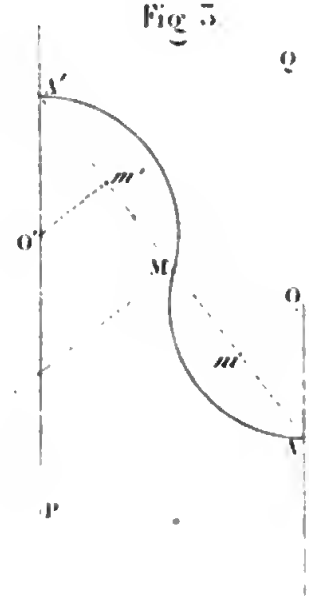

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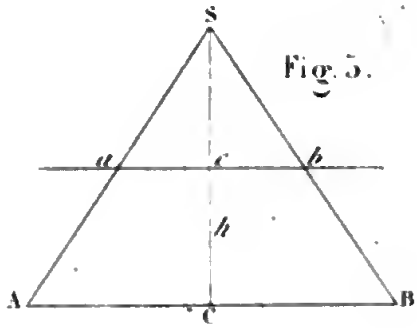

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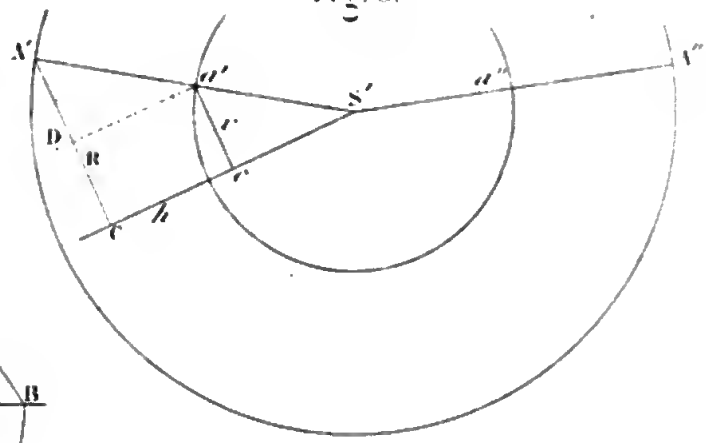

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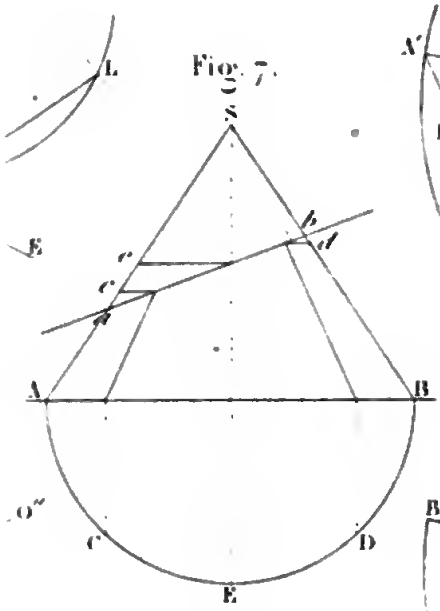

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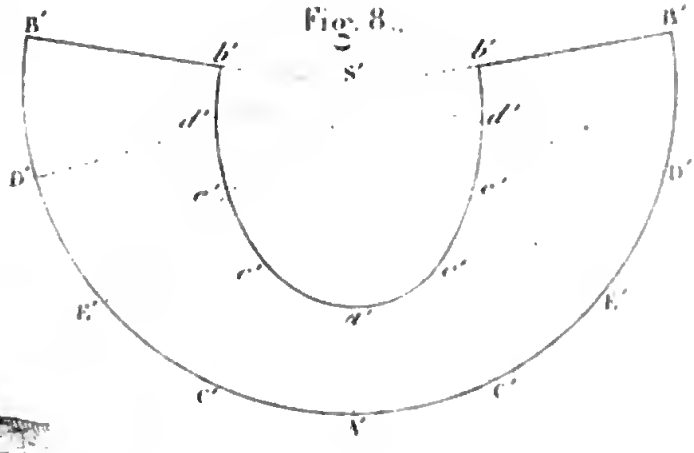

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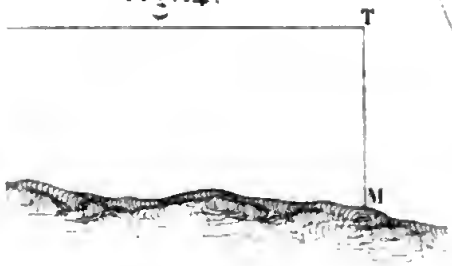

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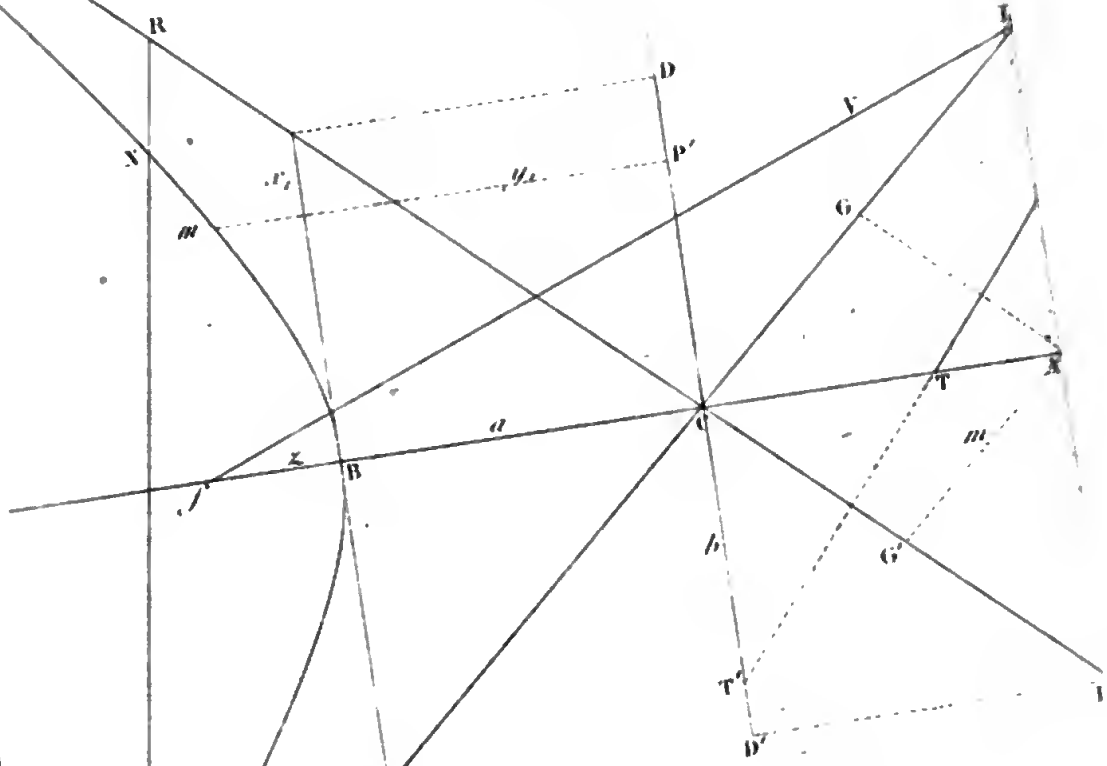

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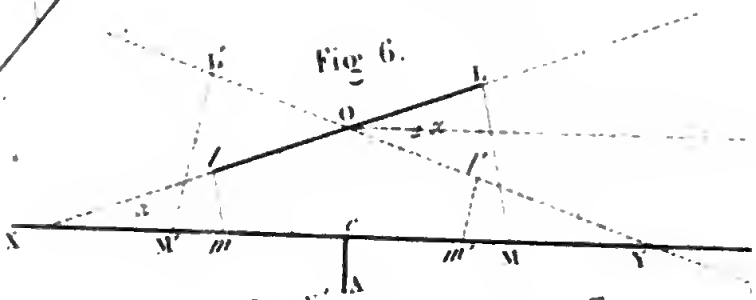

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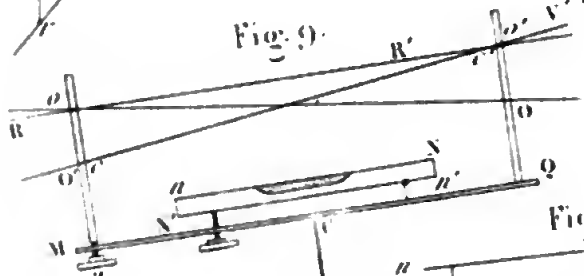

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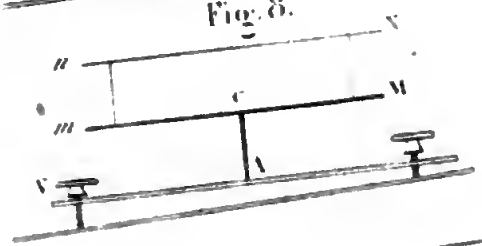

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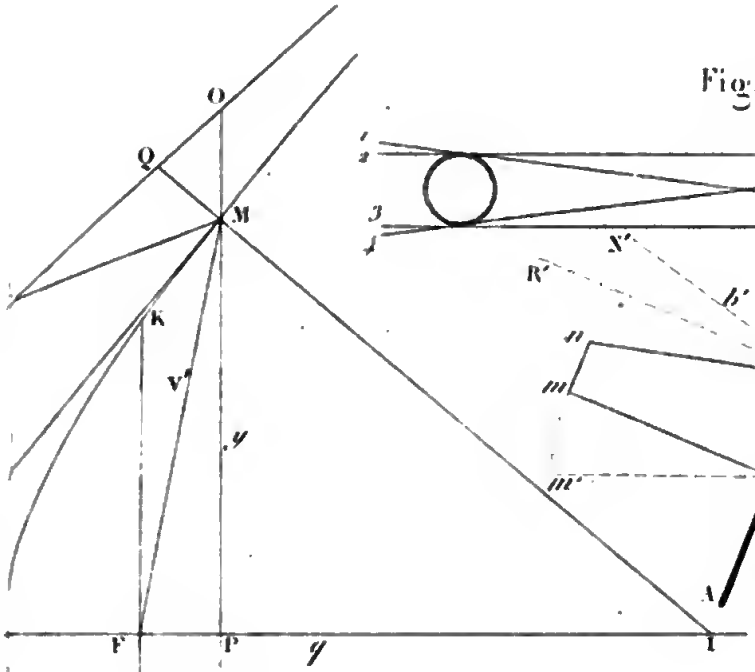

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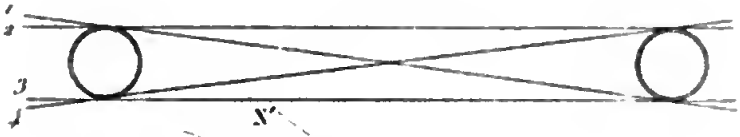

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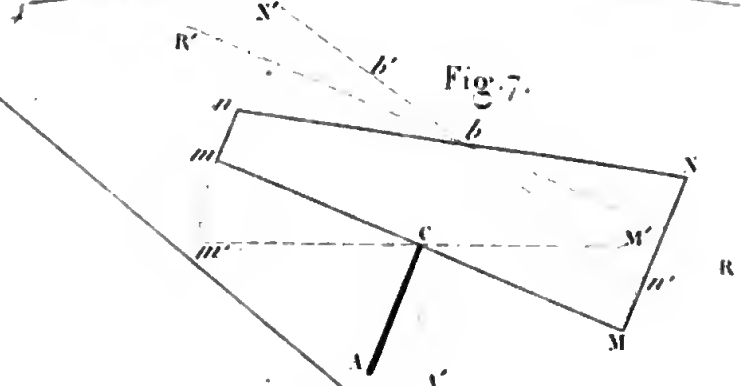

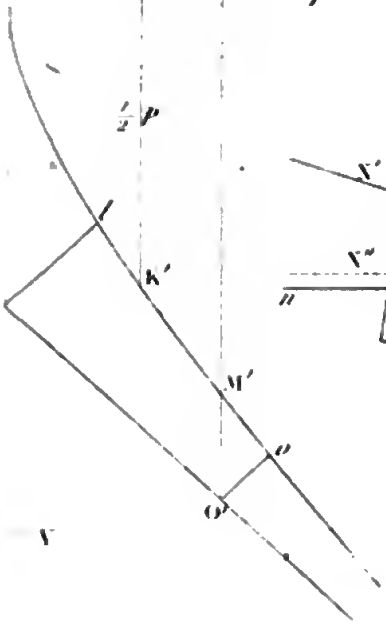

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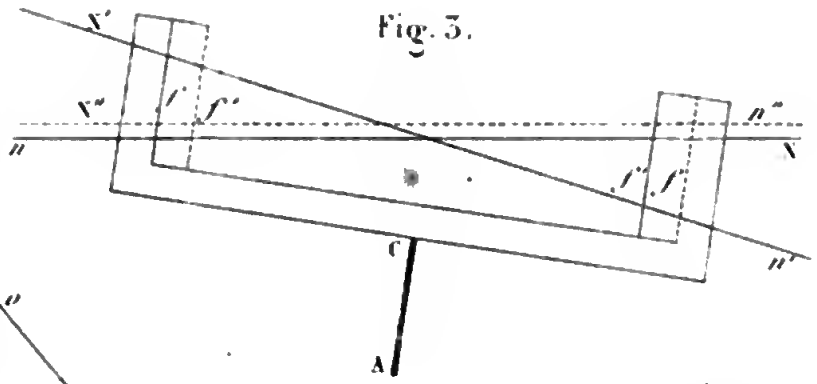

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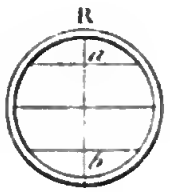

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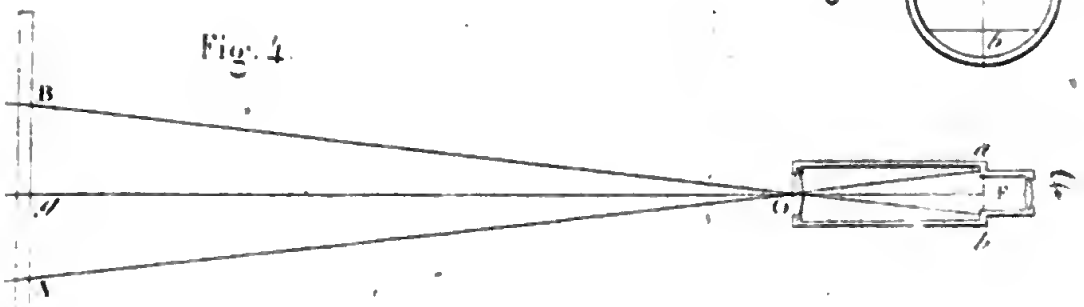

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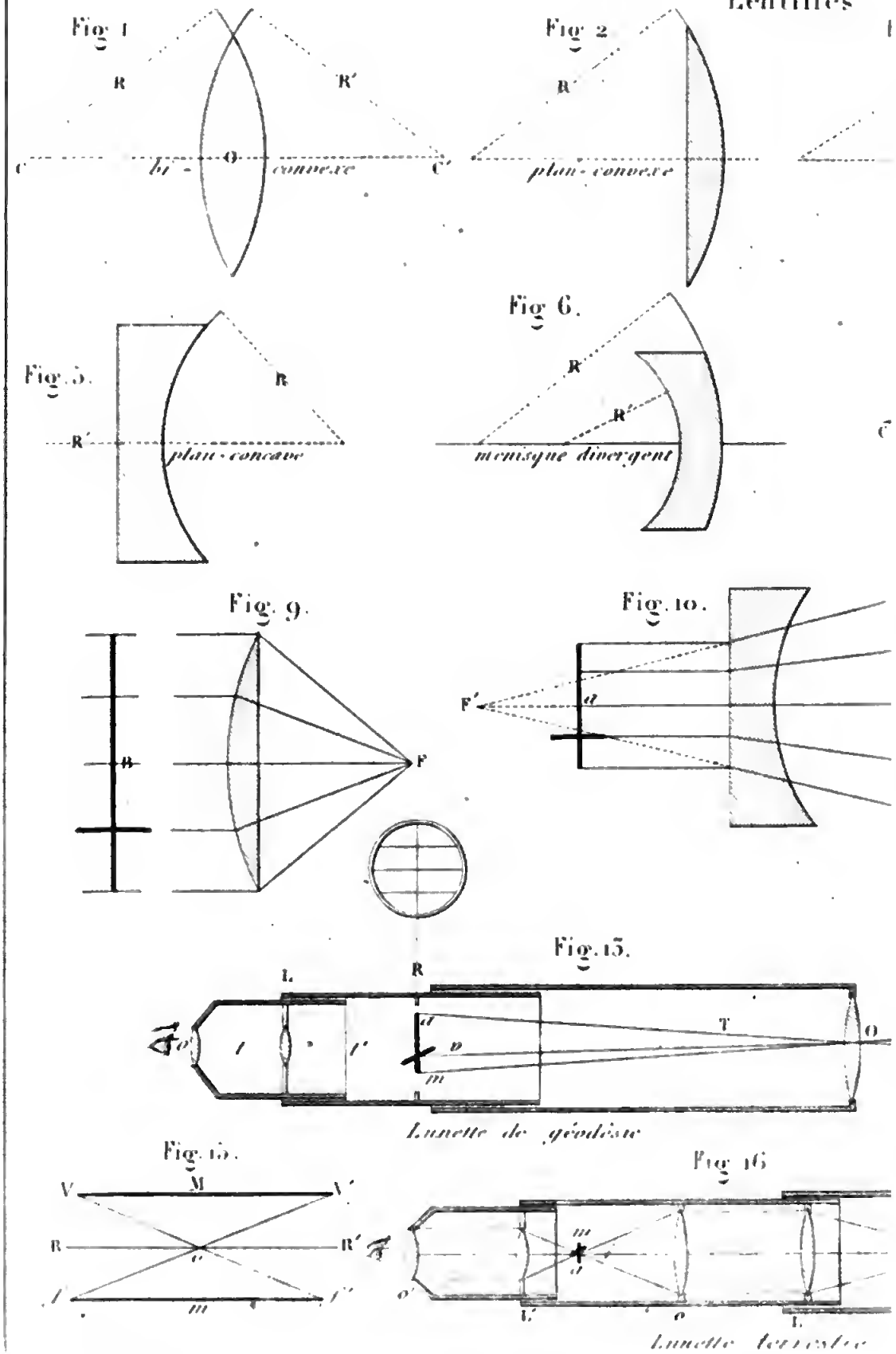

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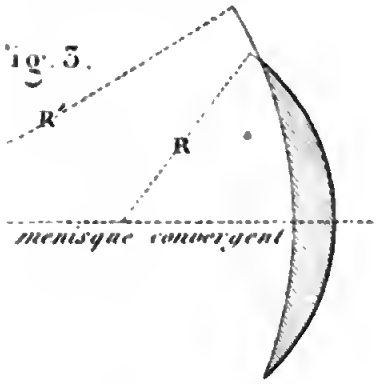

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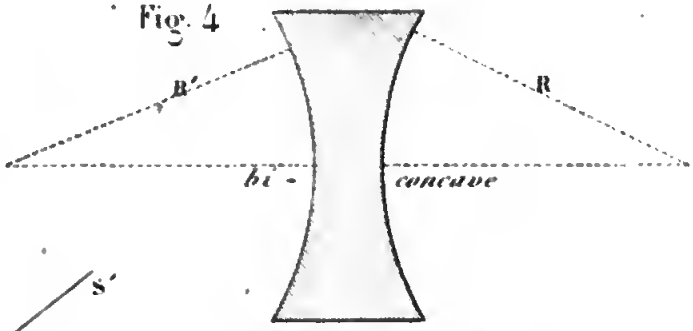

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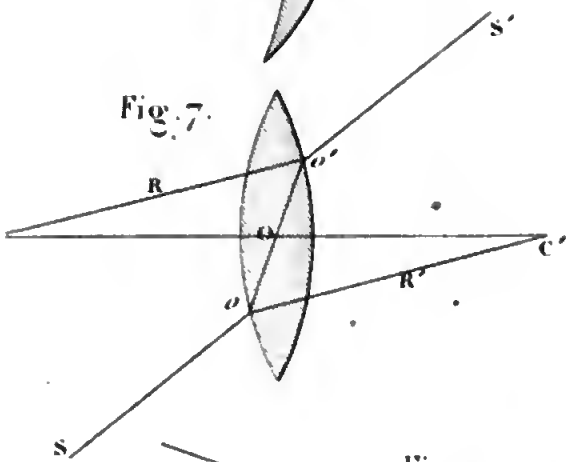

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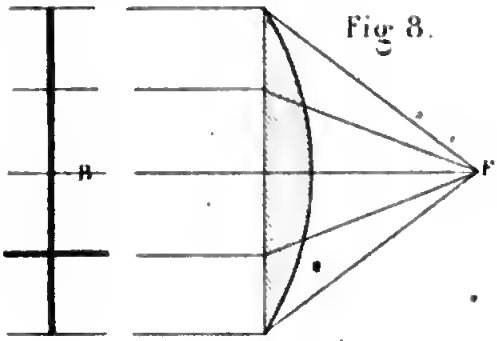

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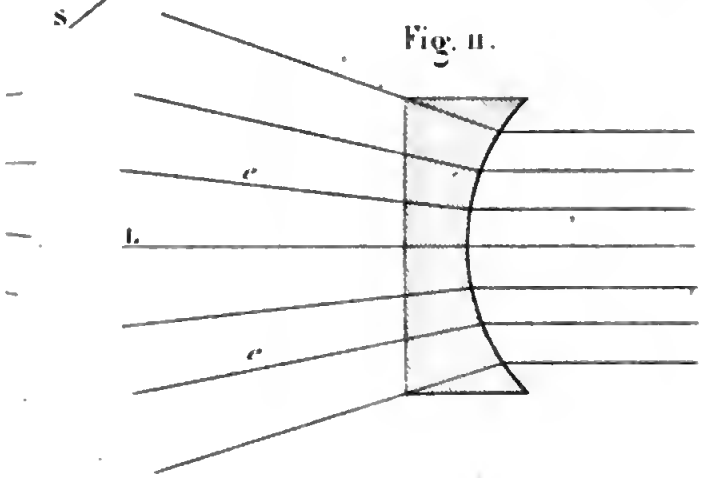

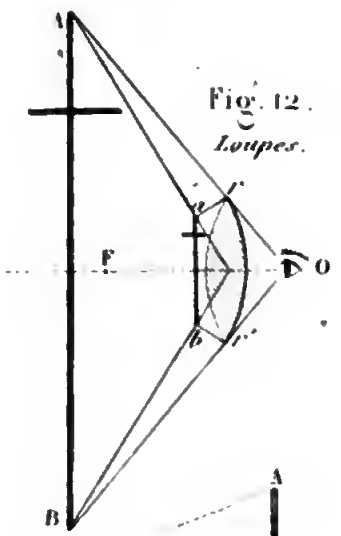

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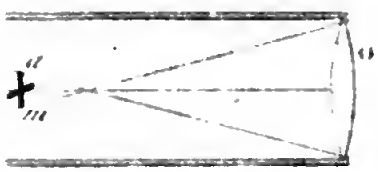

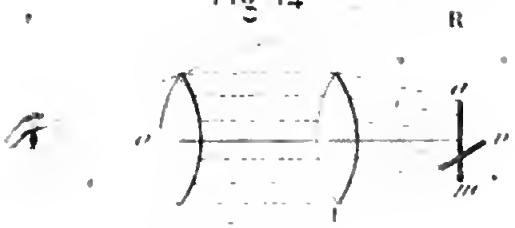

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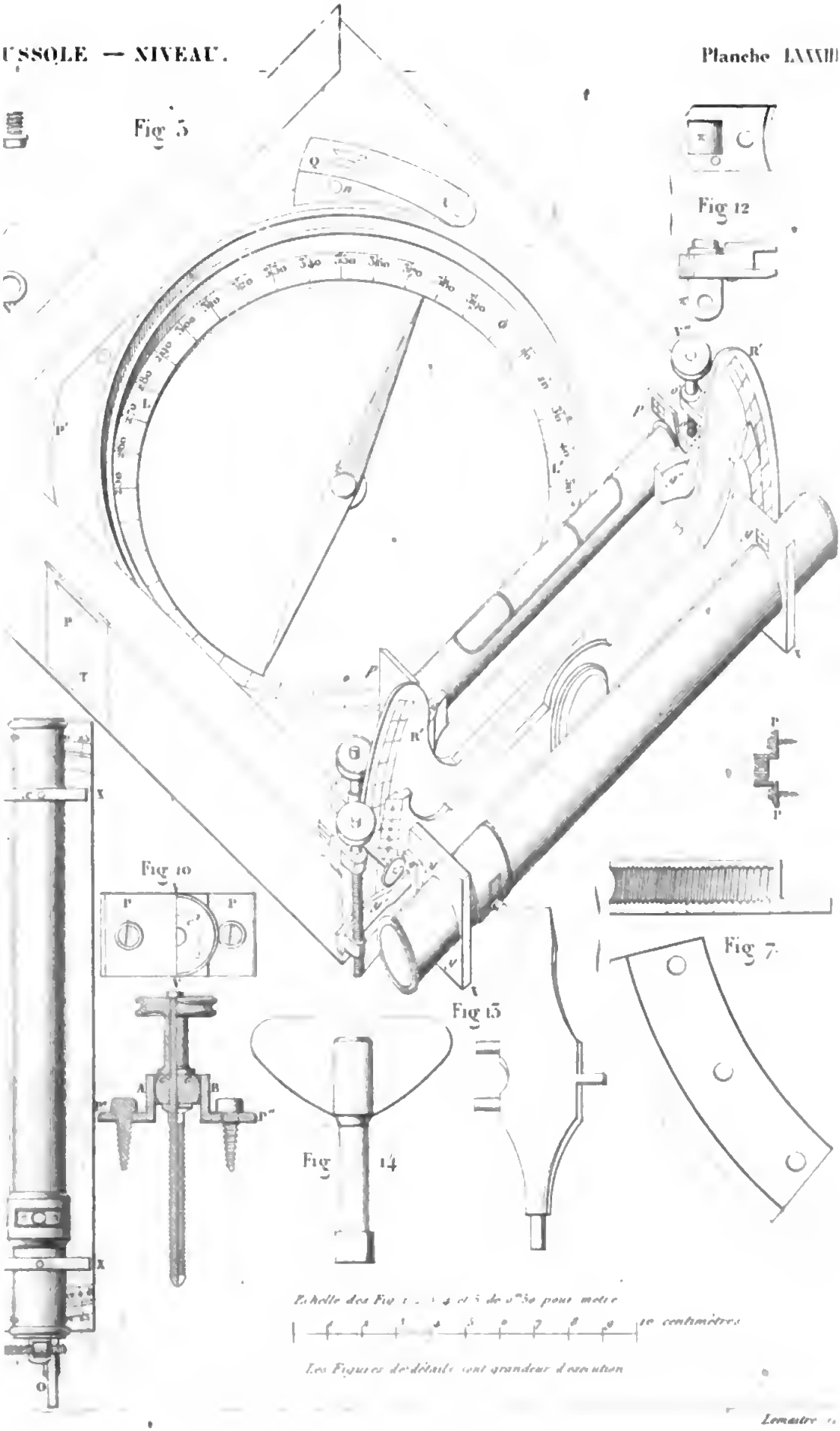
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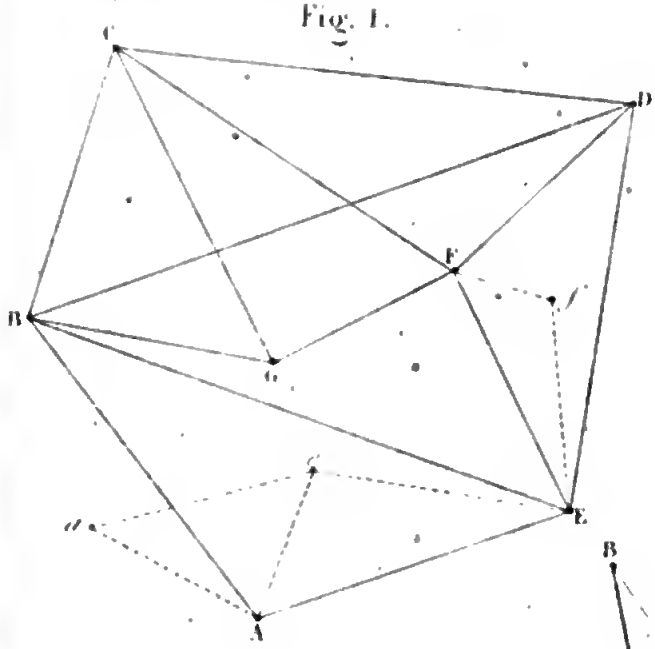

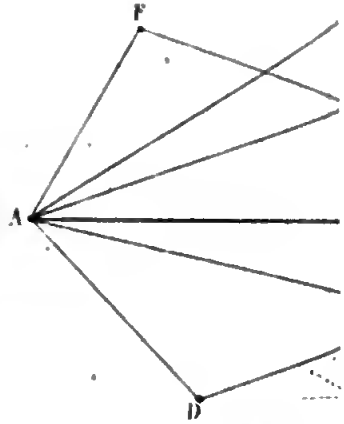

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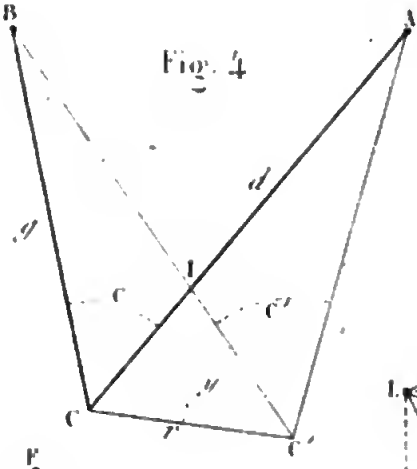

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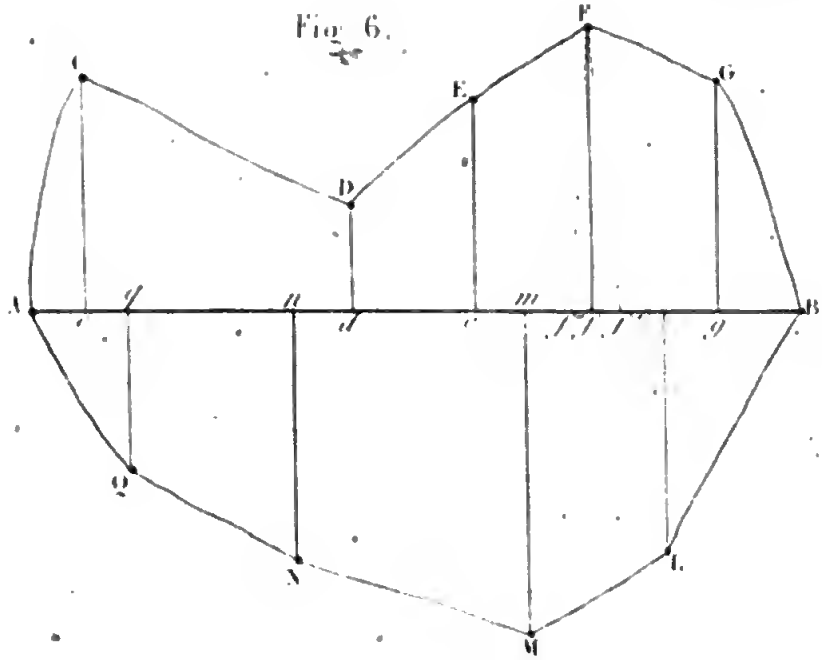

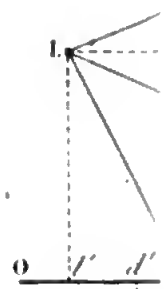

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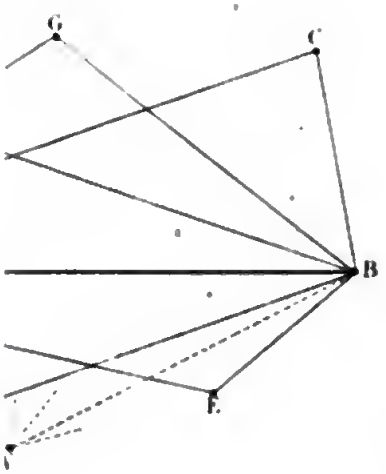

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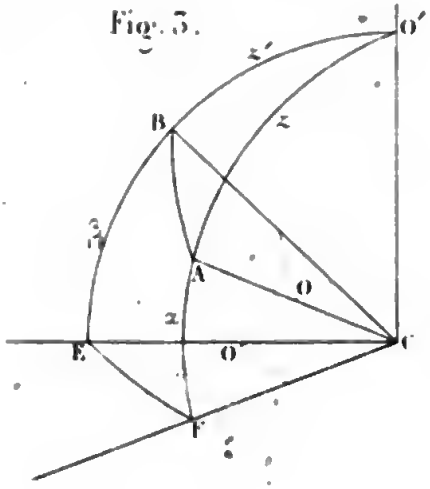

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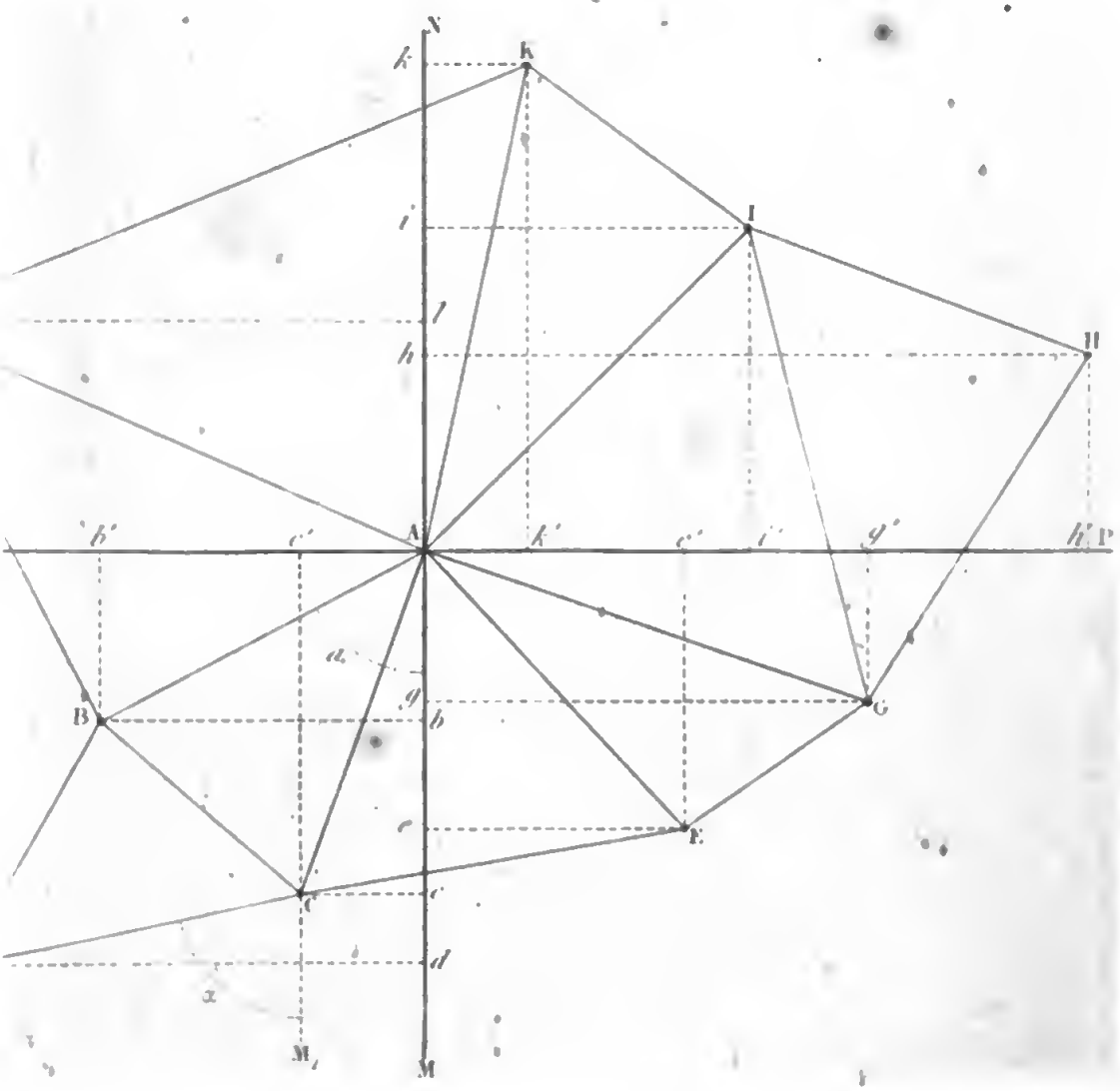

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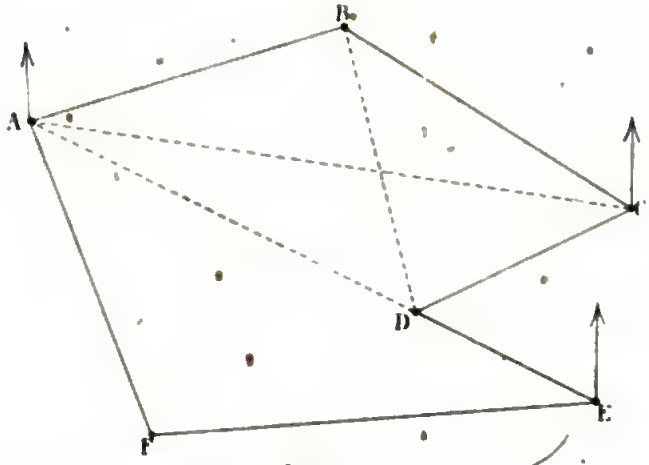

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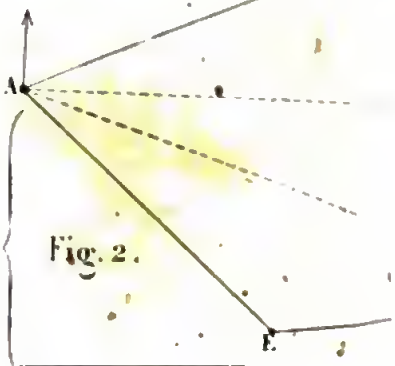

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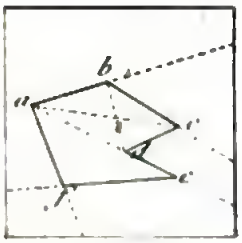

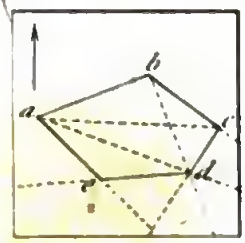

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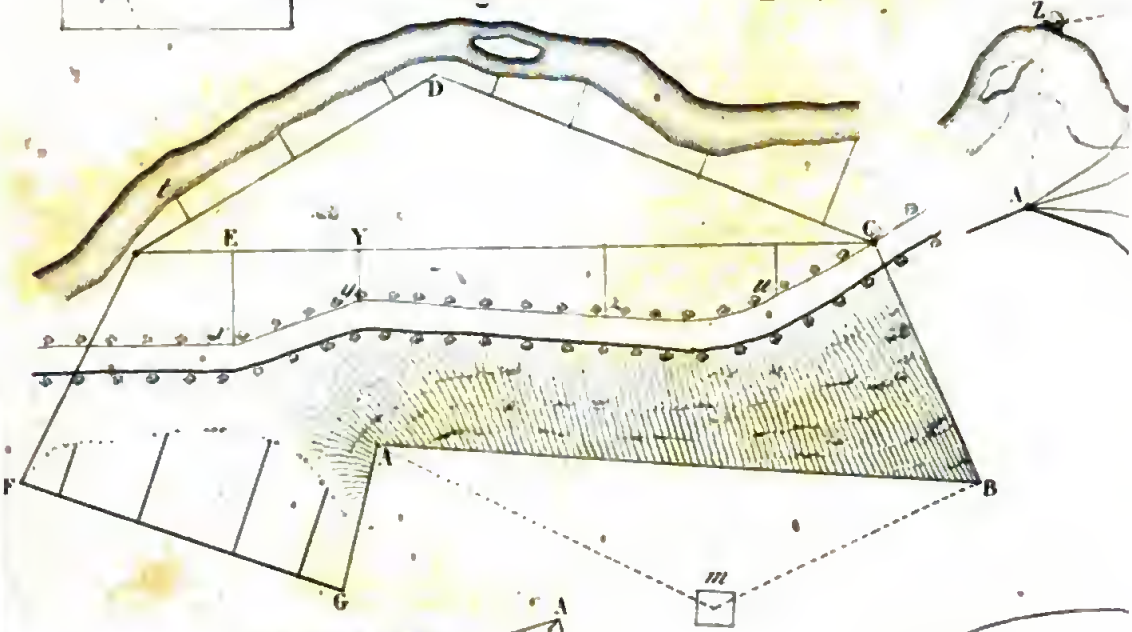

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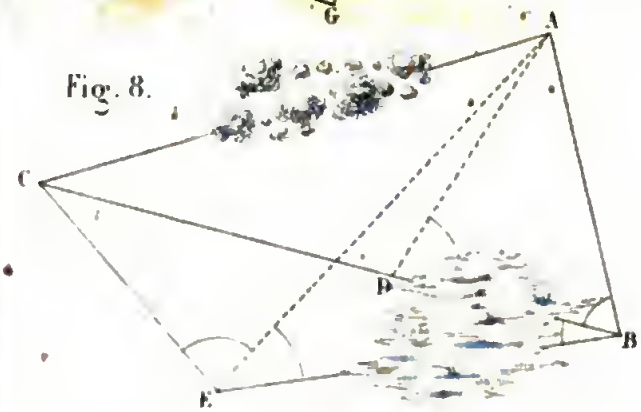

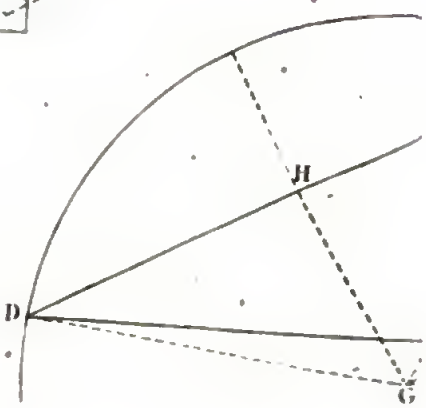

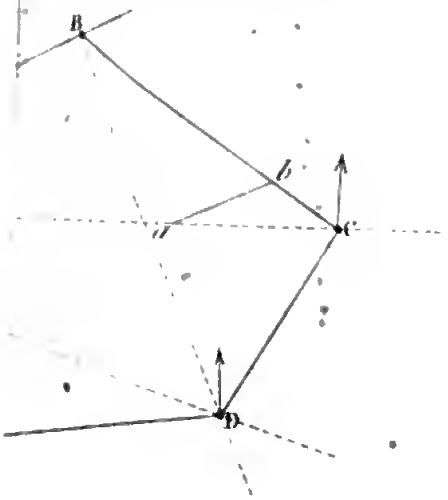

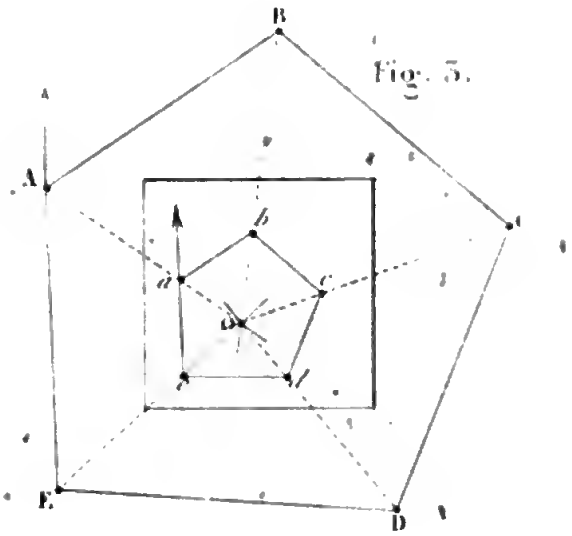

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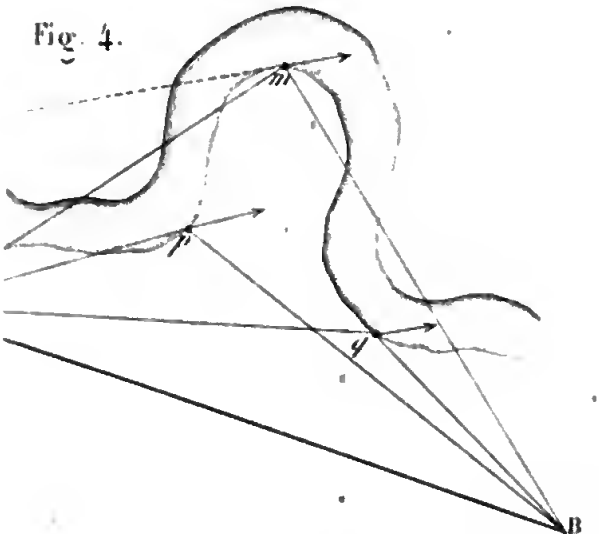

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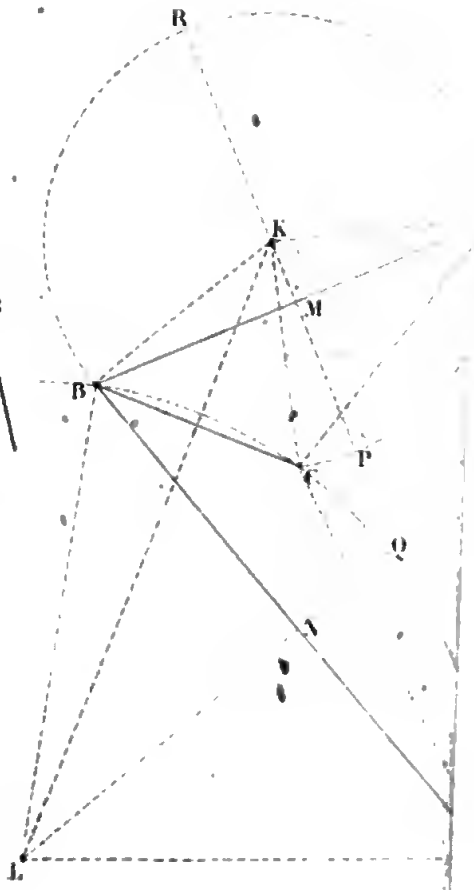

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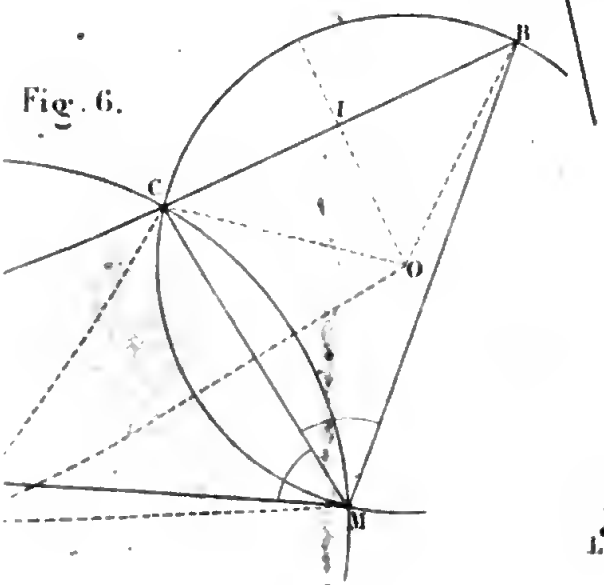

BIBLIOTECA NAZIONALE

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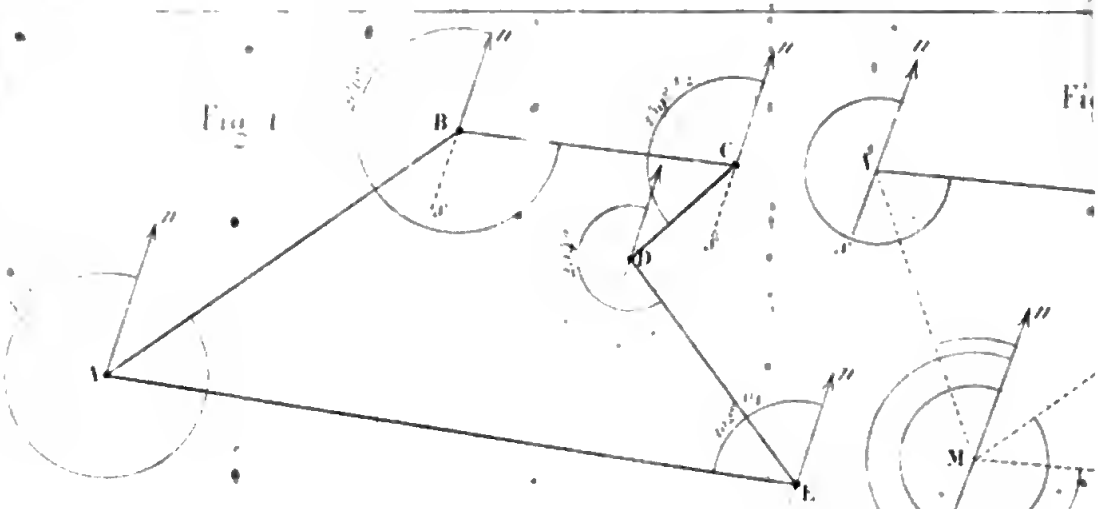

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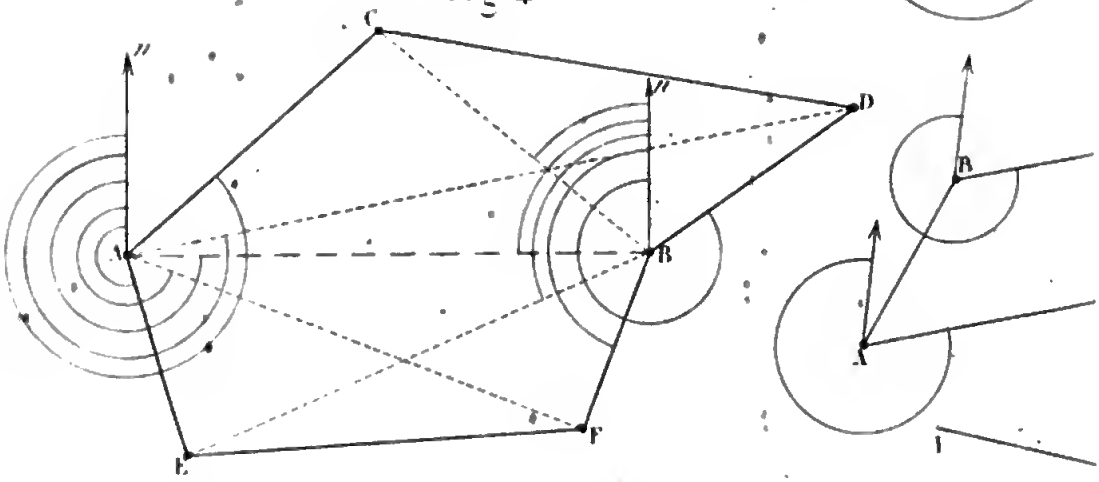

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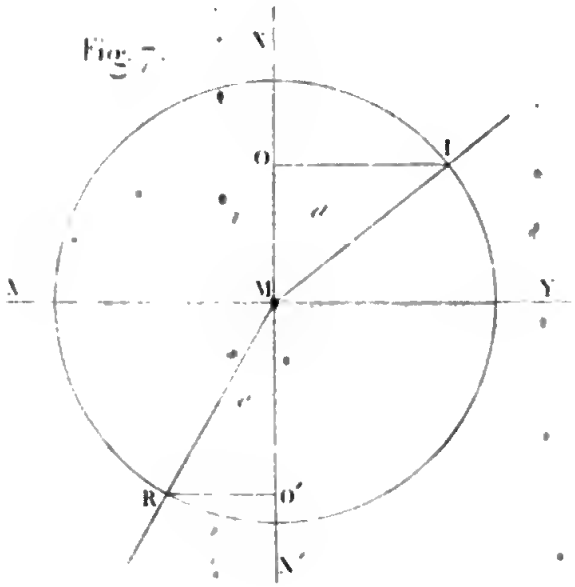

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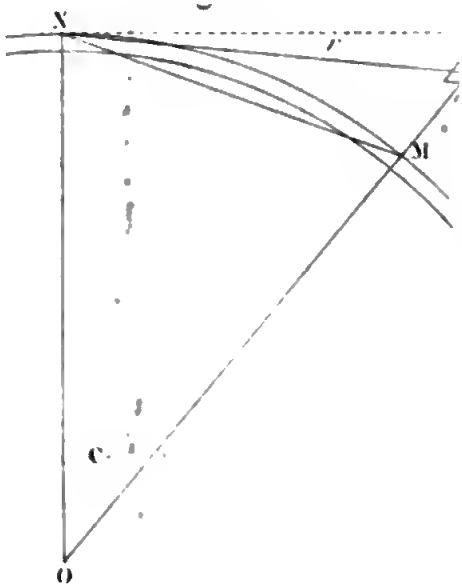

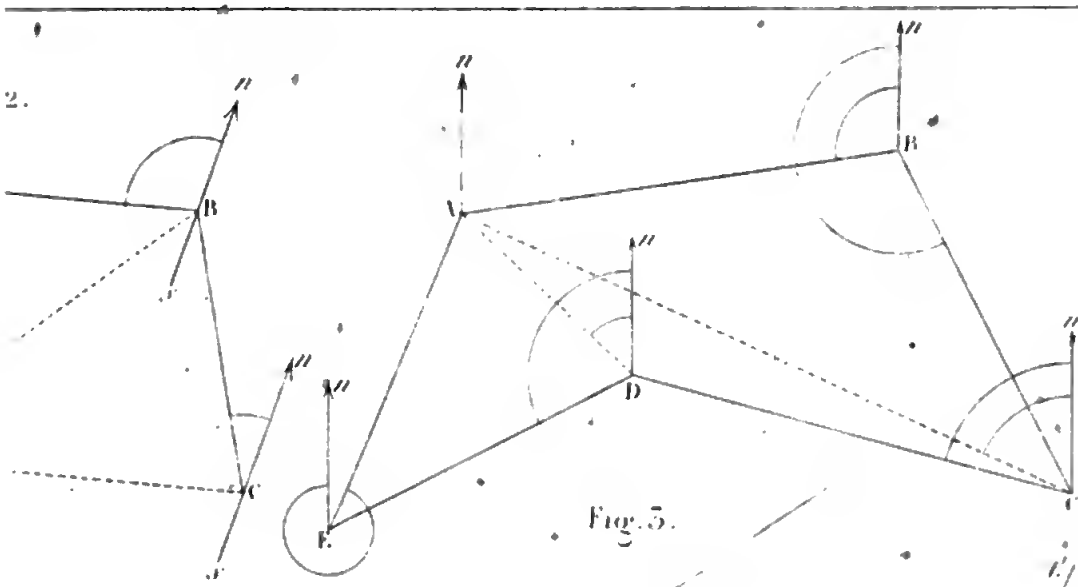

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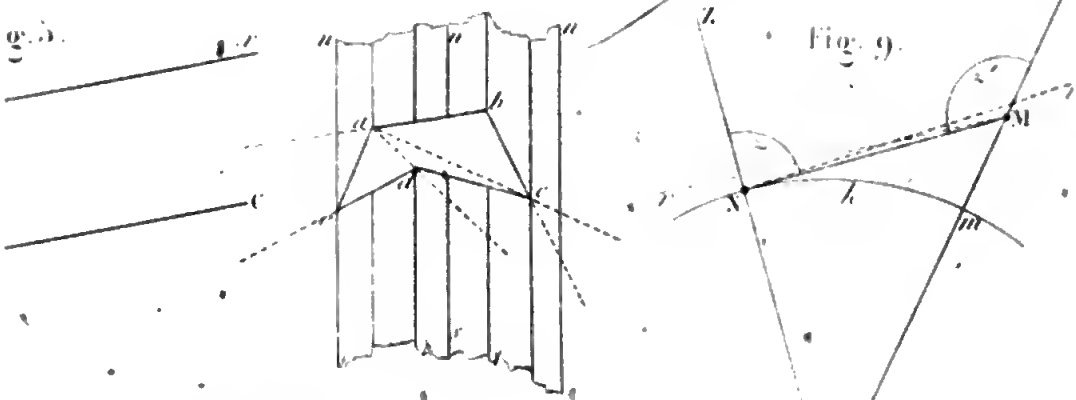

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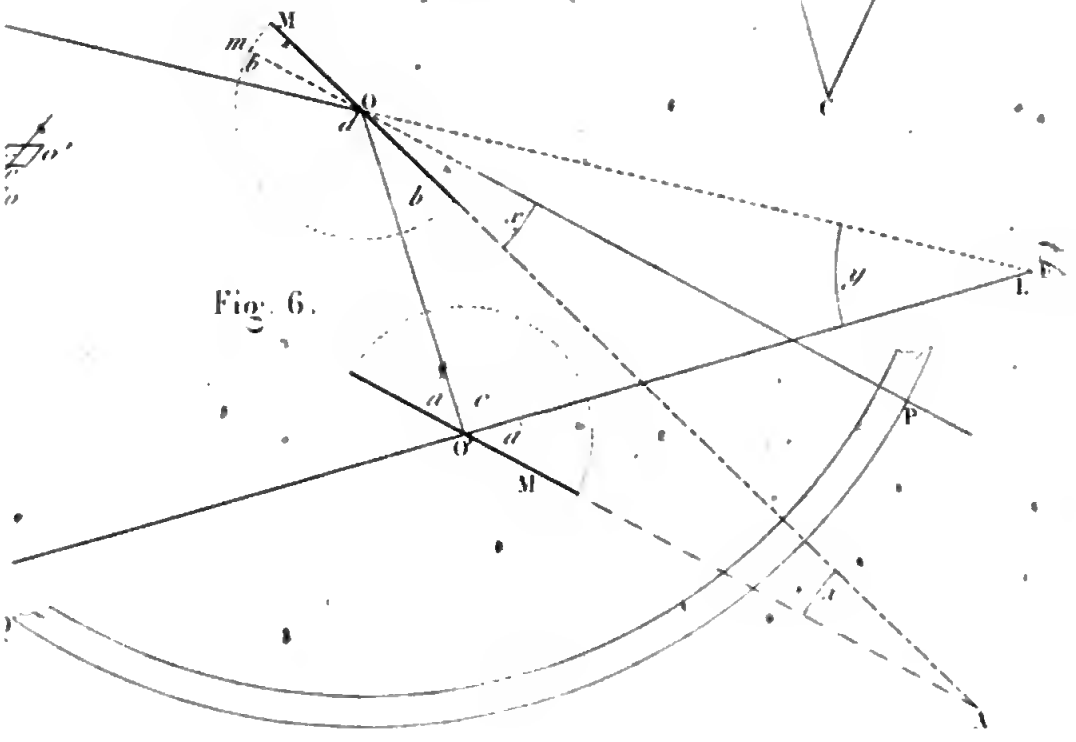

Fig. 6.

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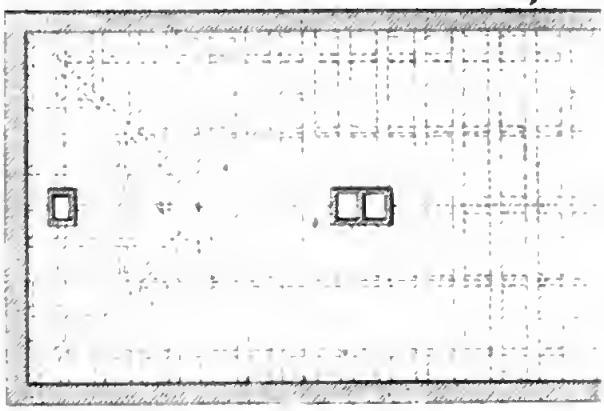
LEVÉS DE,

Plan de la charpente

Fig. 3.



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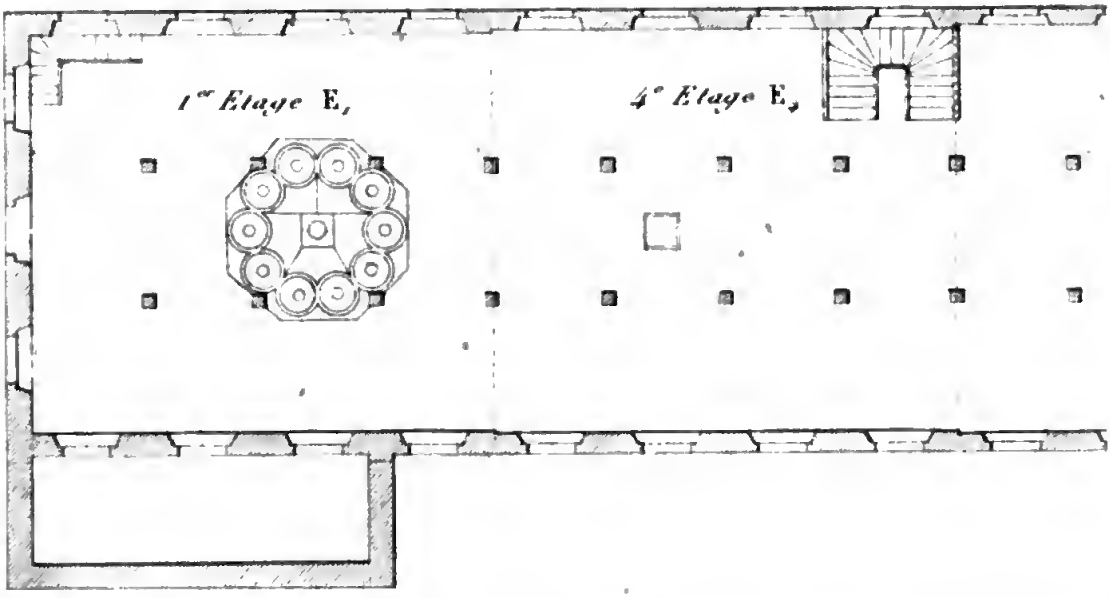

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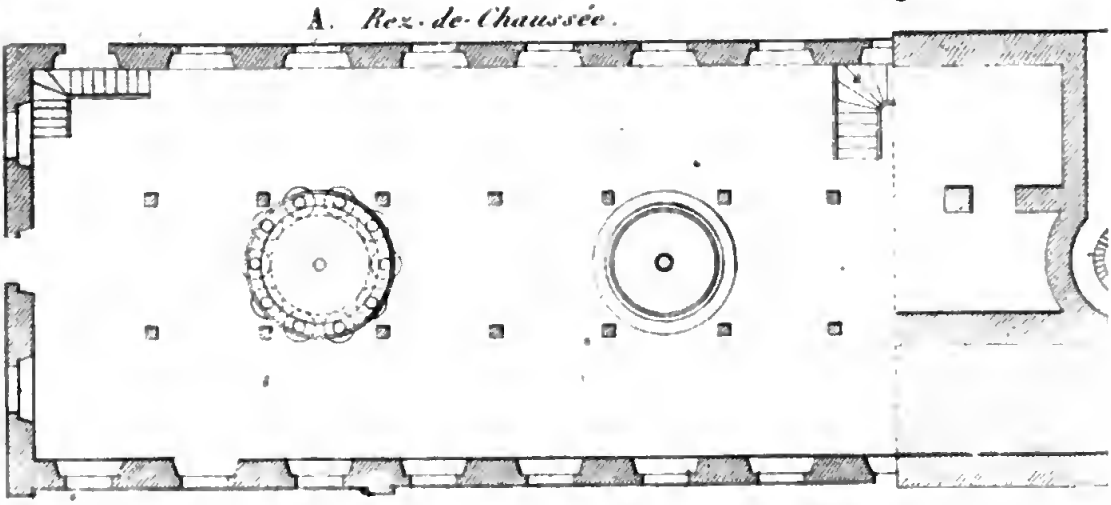

Plan du bâtiment des Moulins de

a l'Echelle de $\frac{1}{300}$

Google

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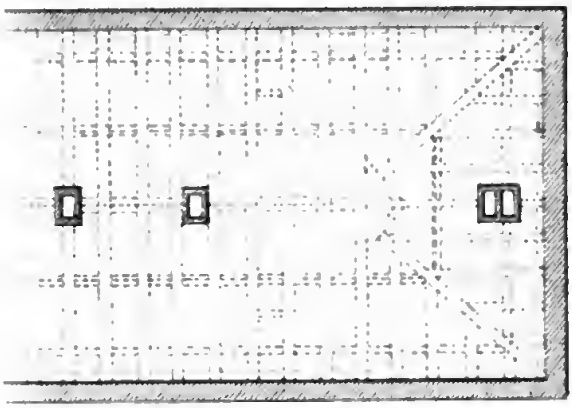

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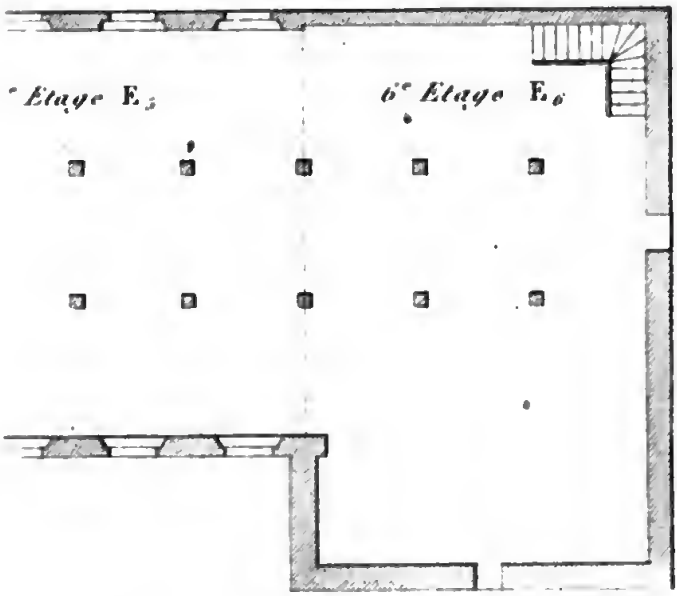

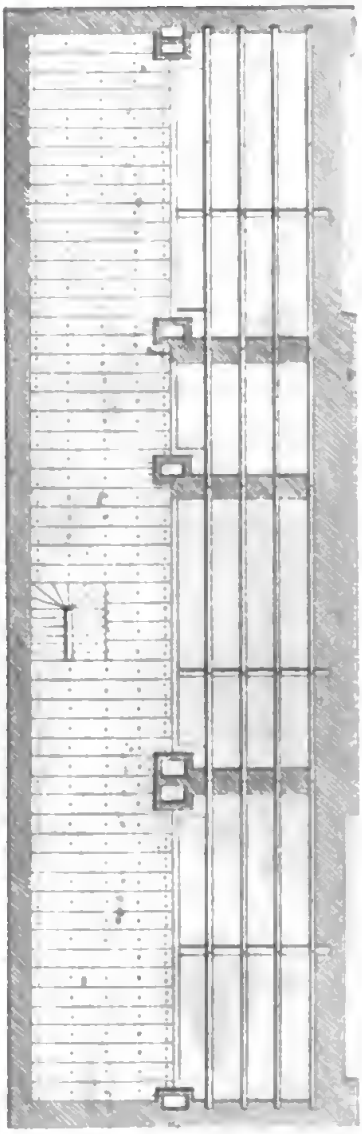

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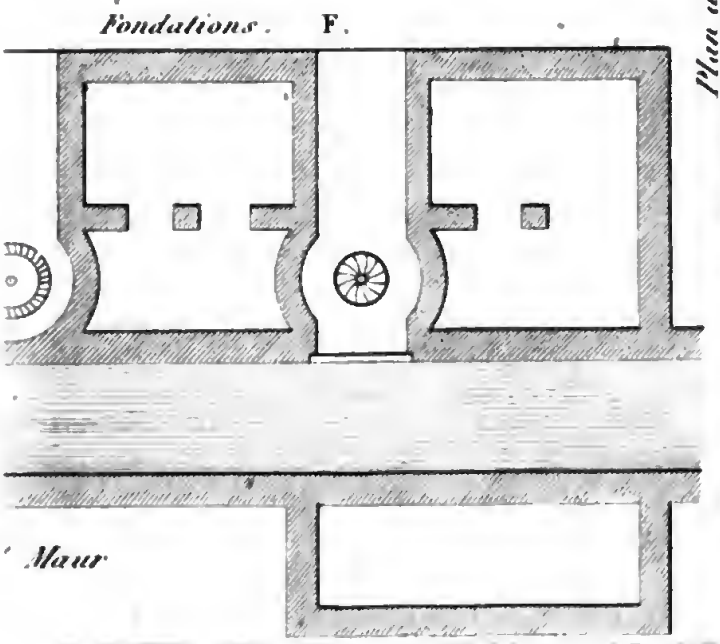

Lemaire.

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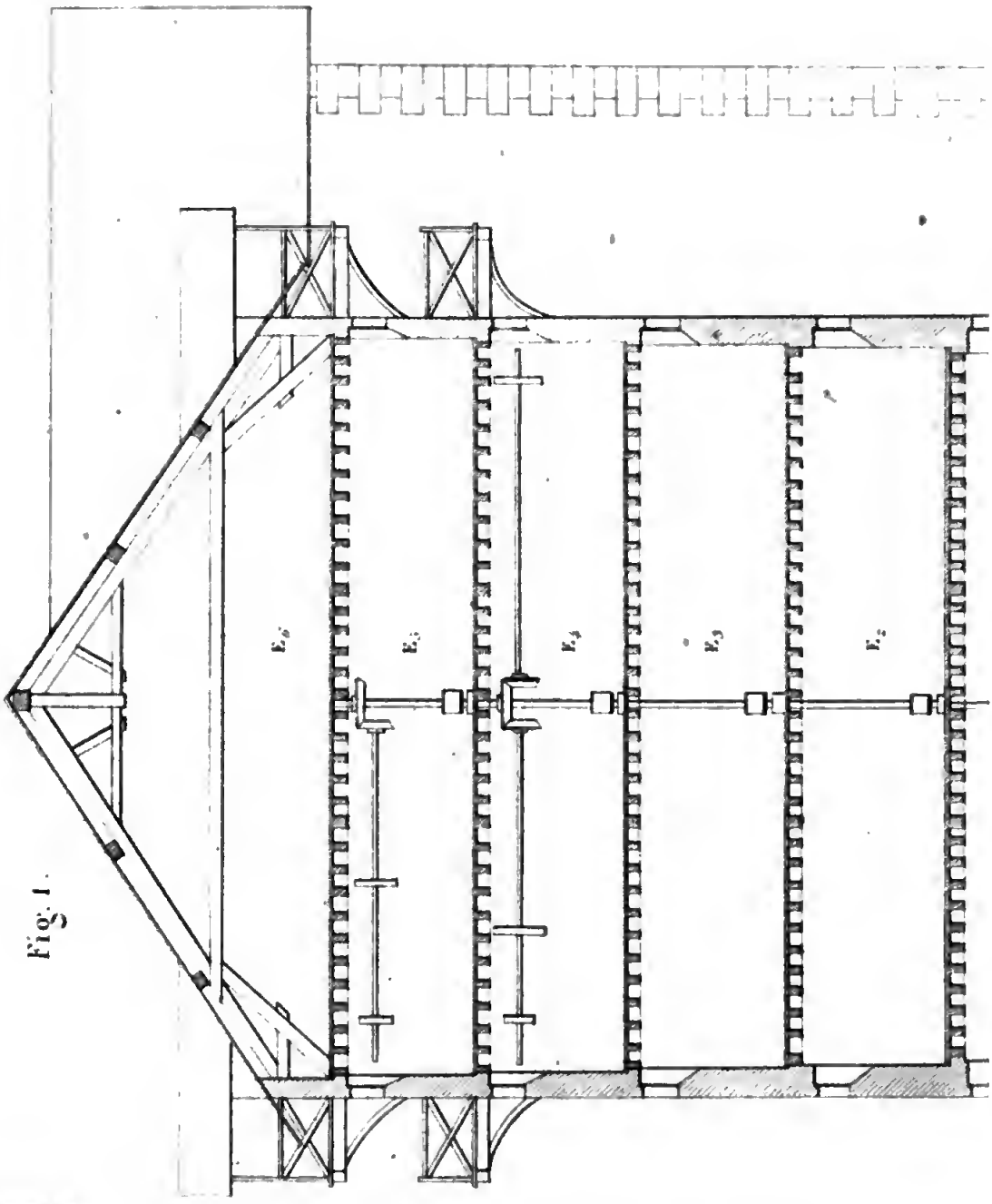
Coupe du bâtiment des Moulins de St Mau

à l'Echelle de $\frac{1}{150}$



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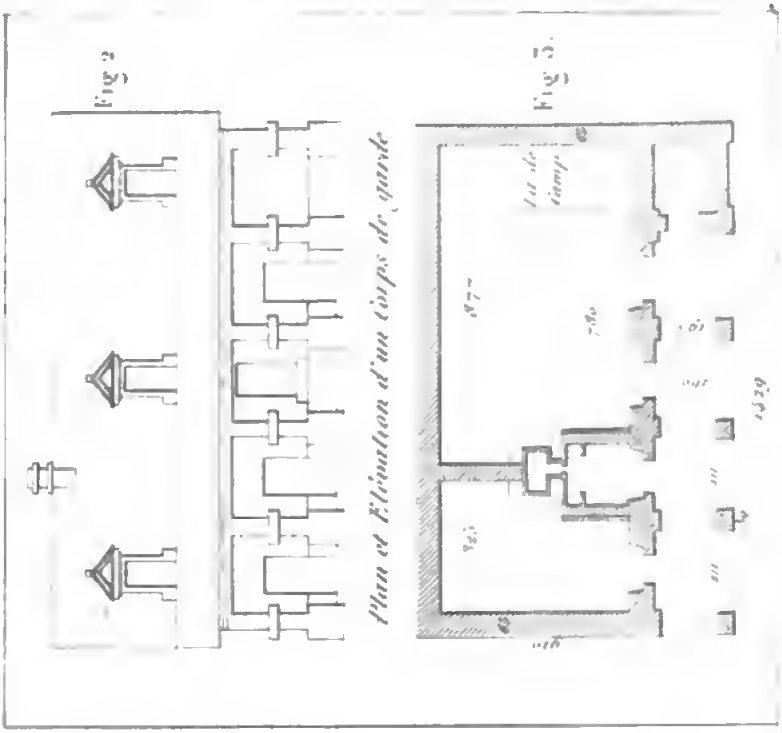
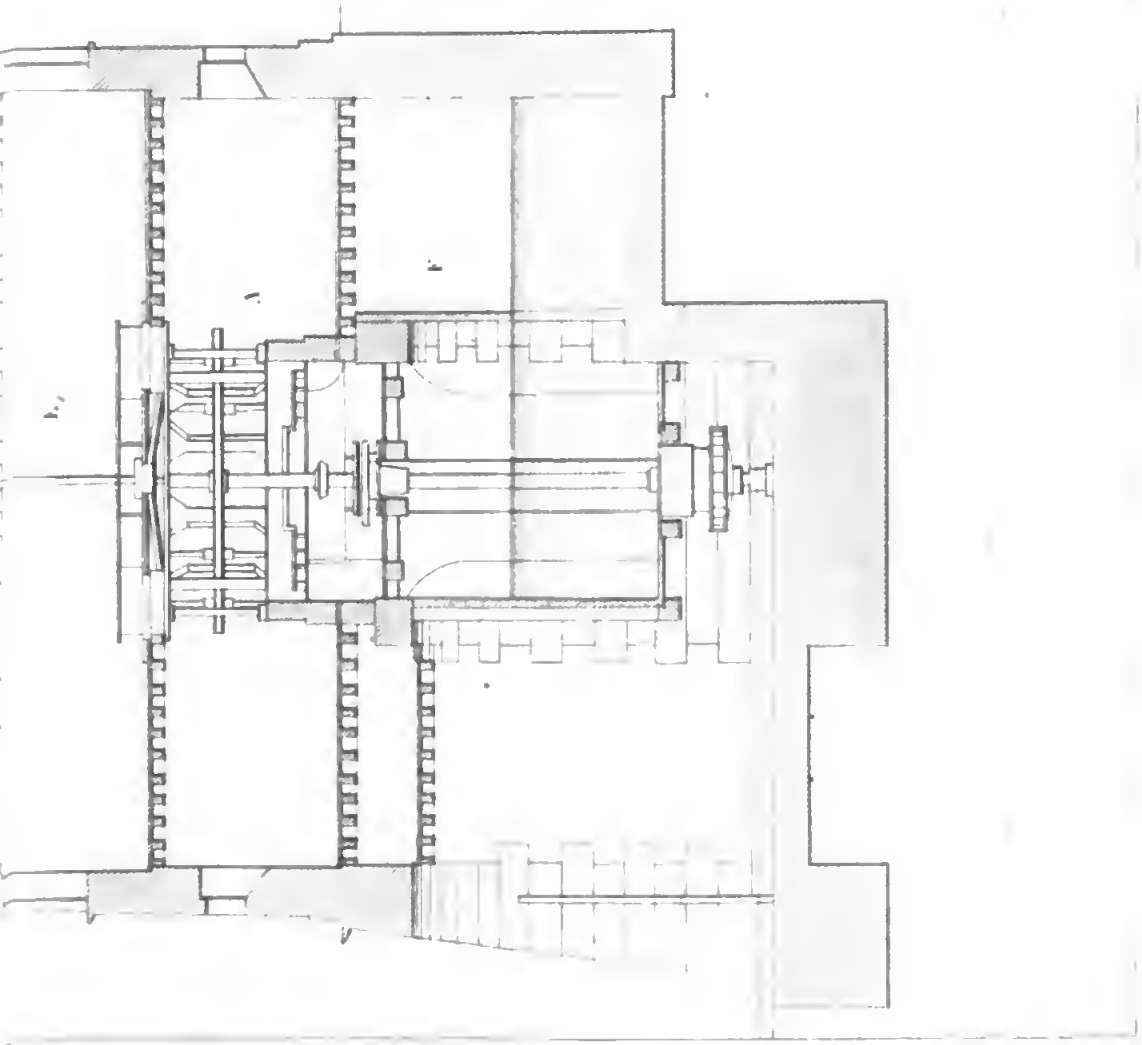


Fig. 2
Fig. 1
Plan et Elévation d'un Corps de garde



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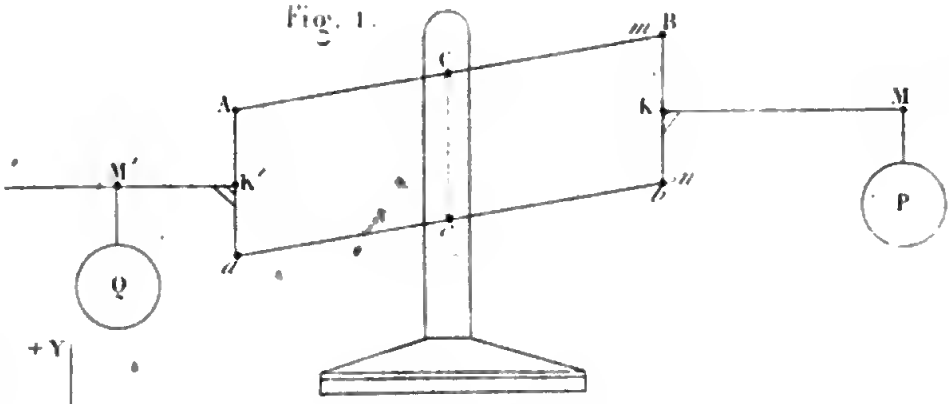

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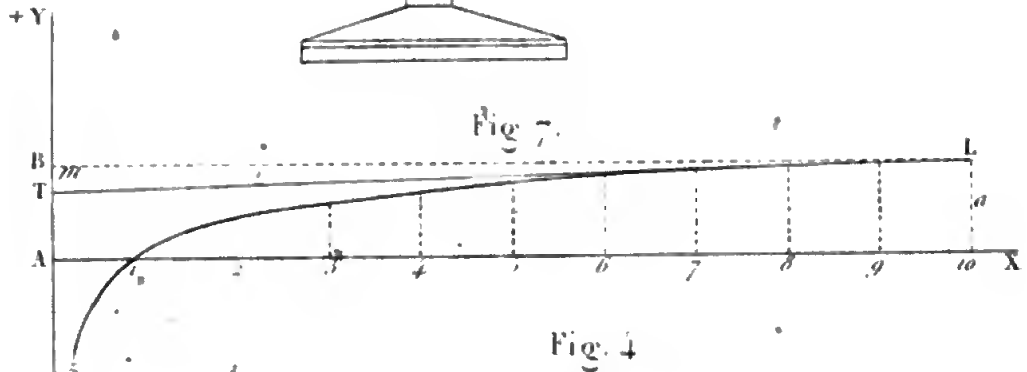

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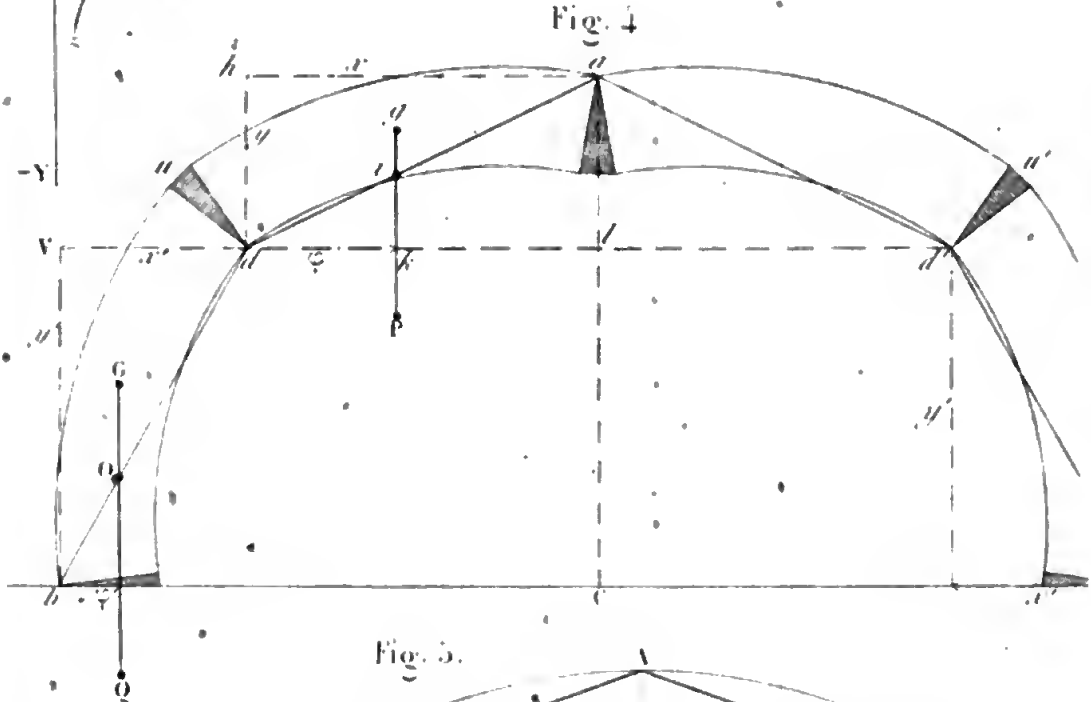

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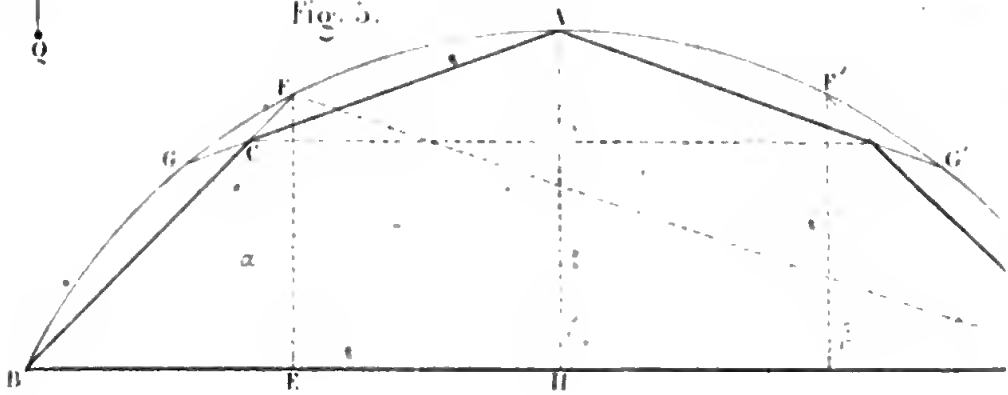

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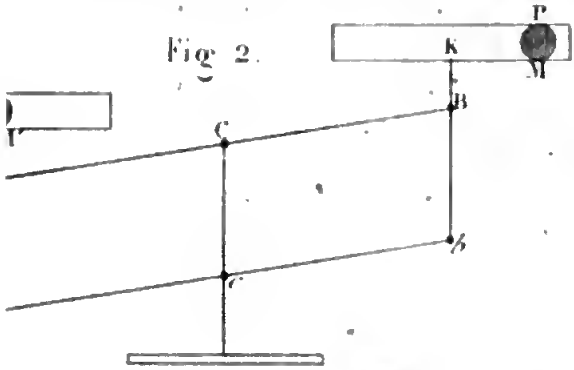

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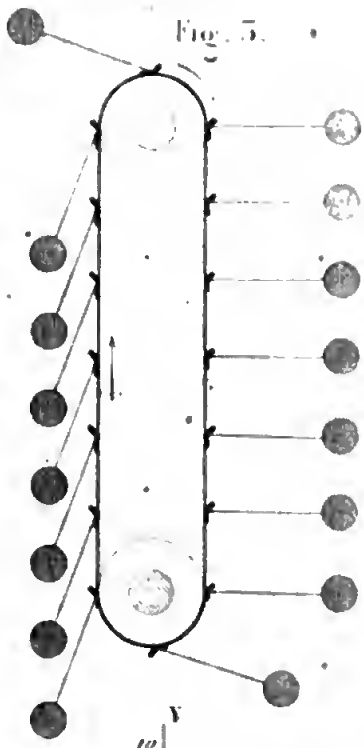

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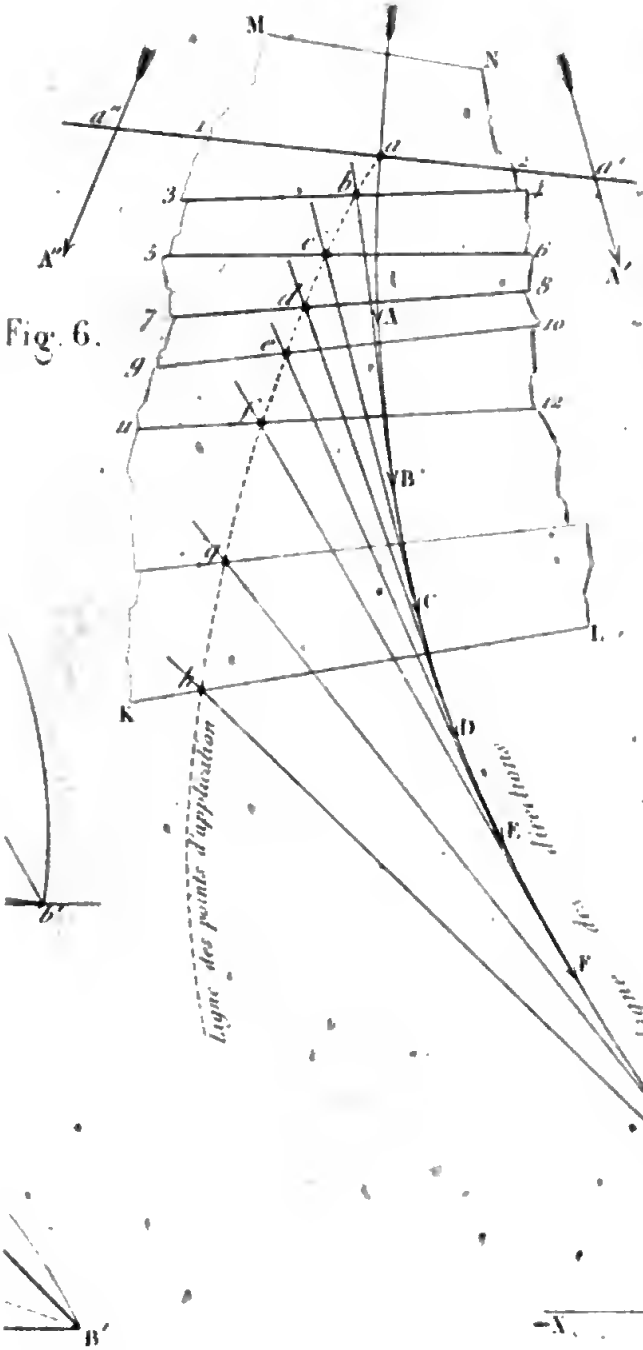

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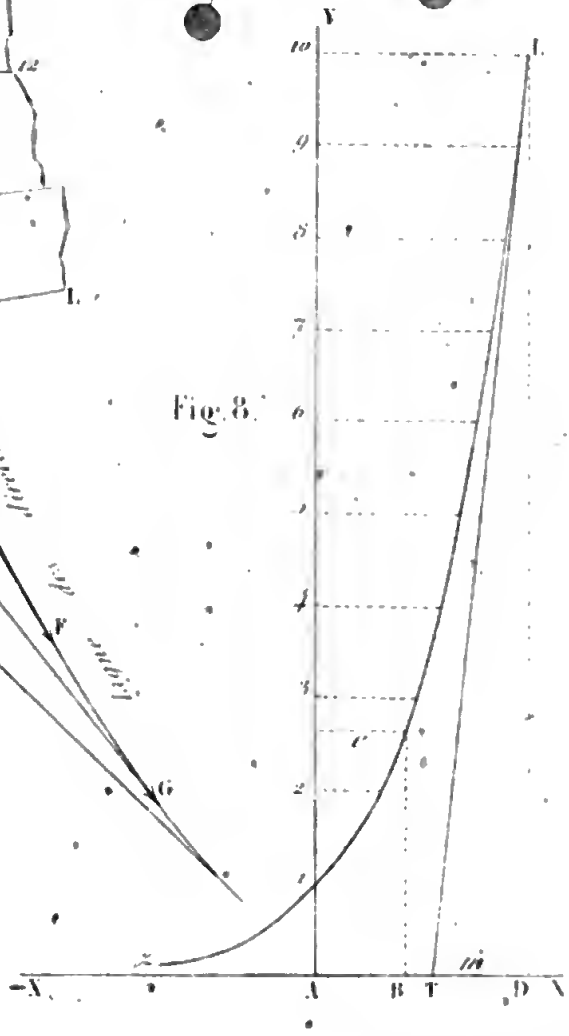

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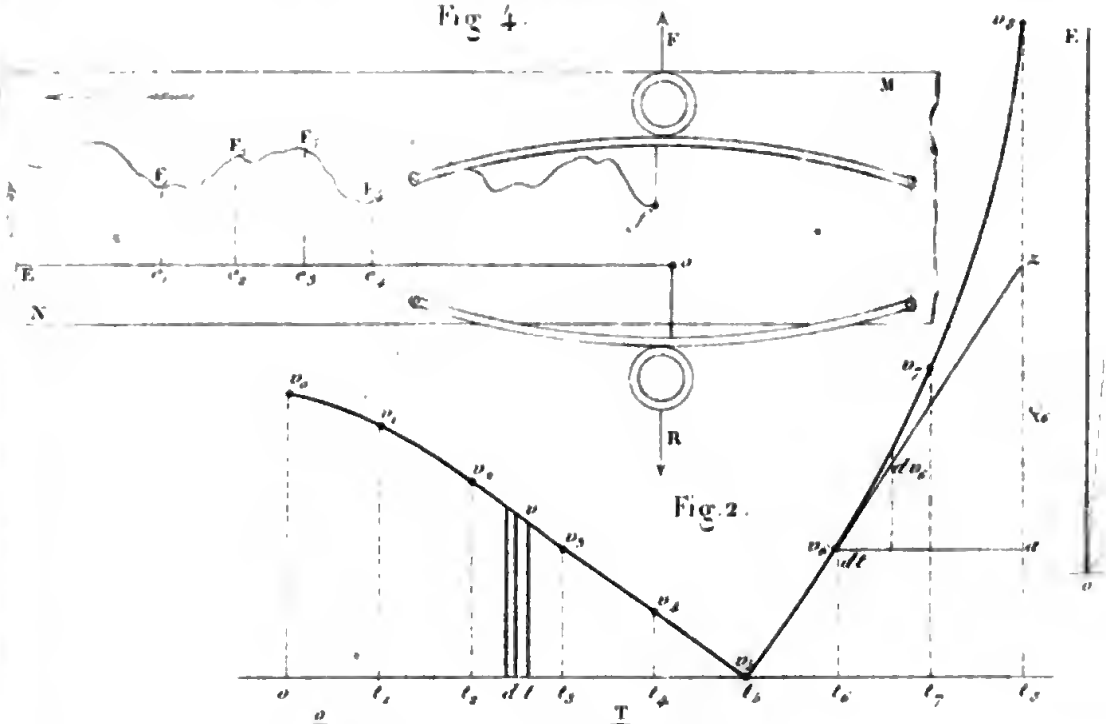

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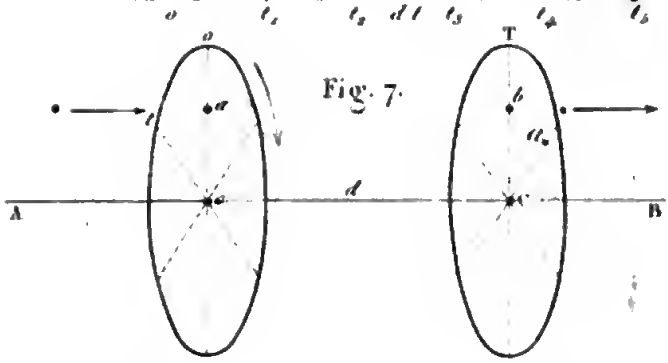

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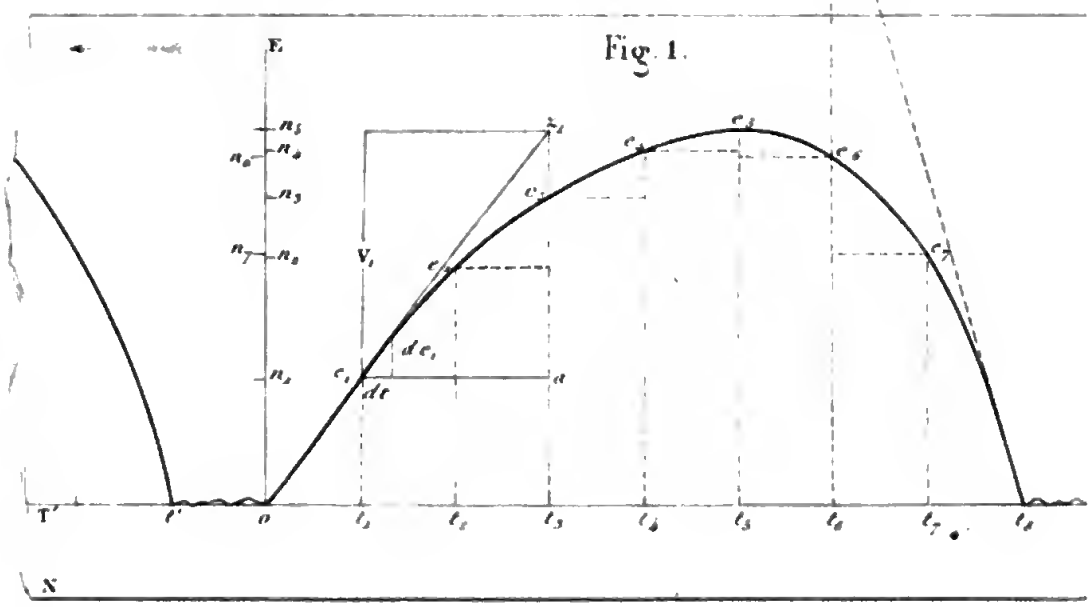

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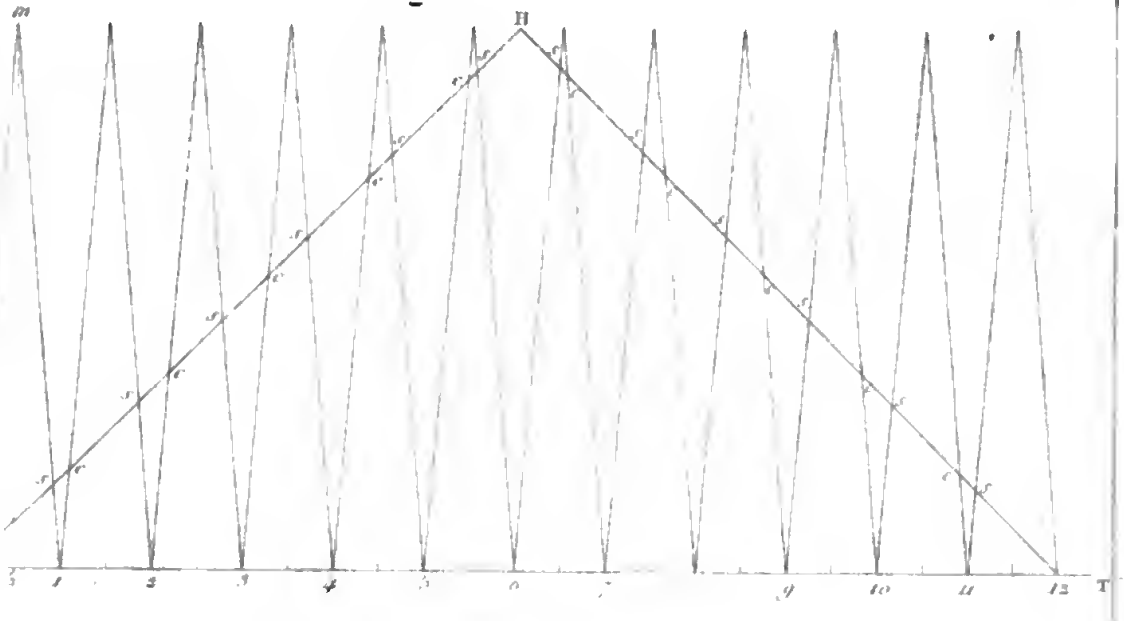

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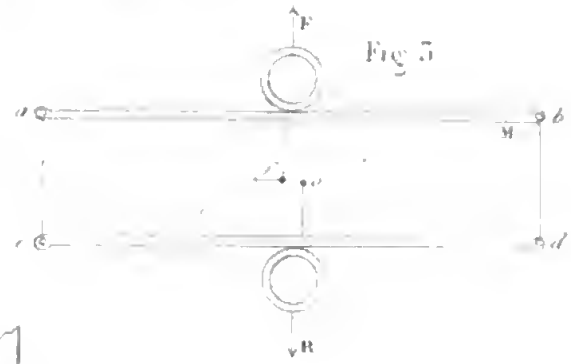

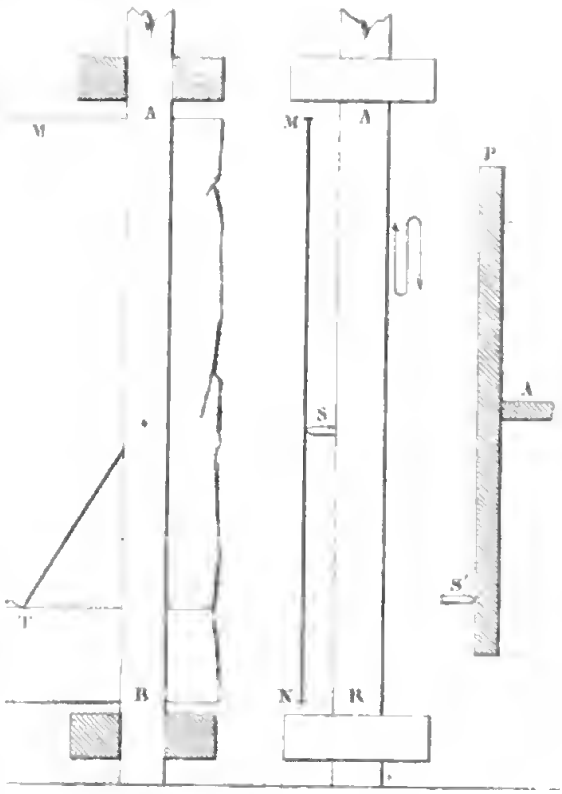

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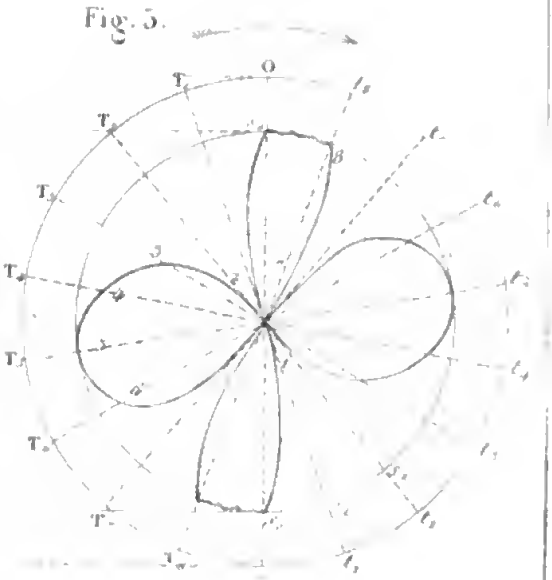

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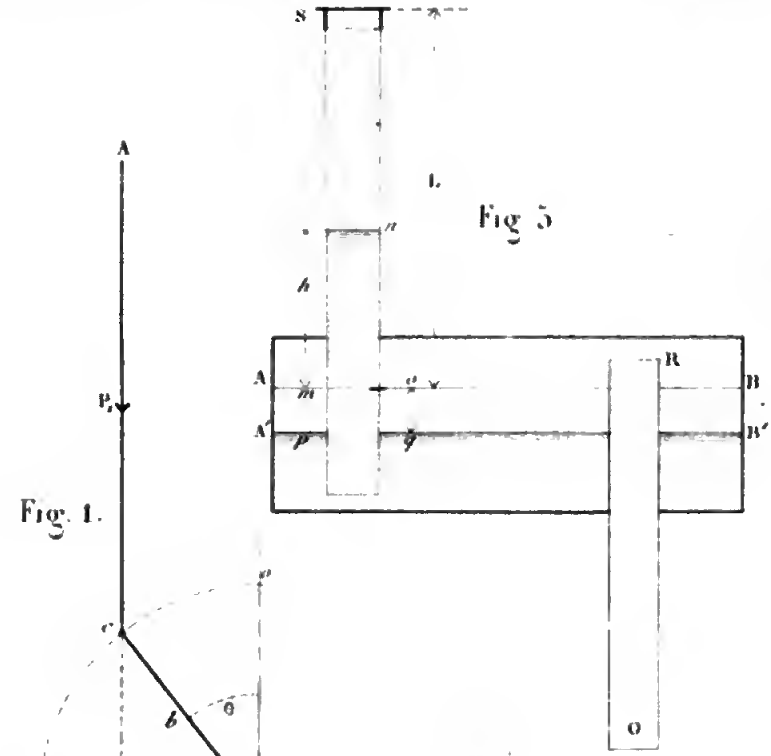

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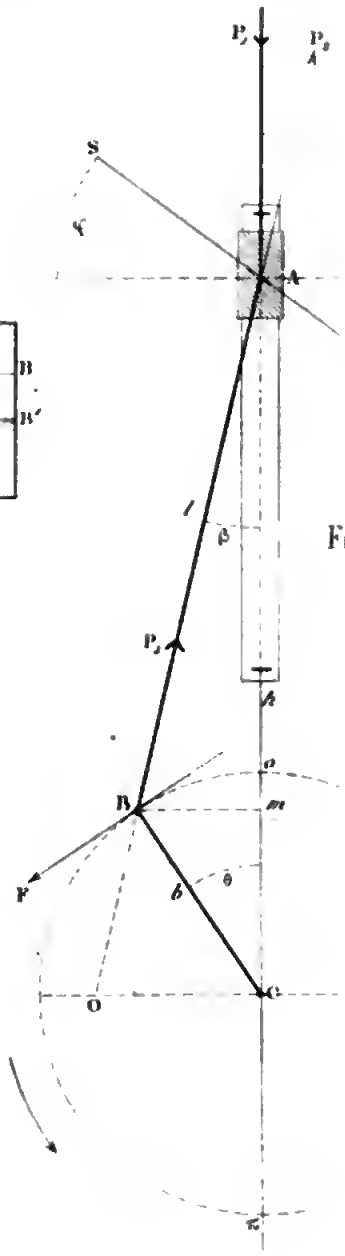

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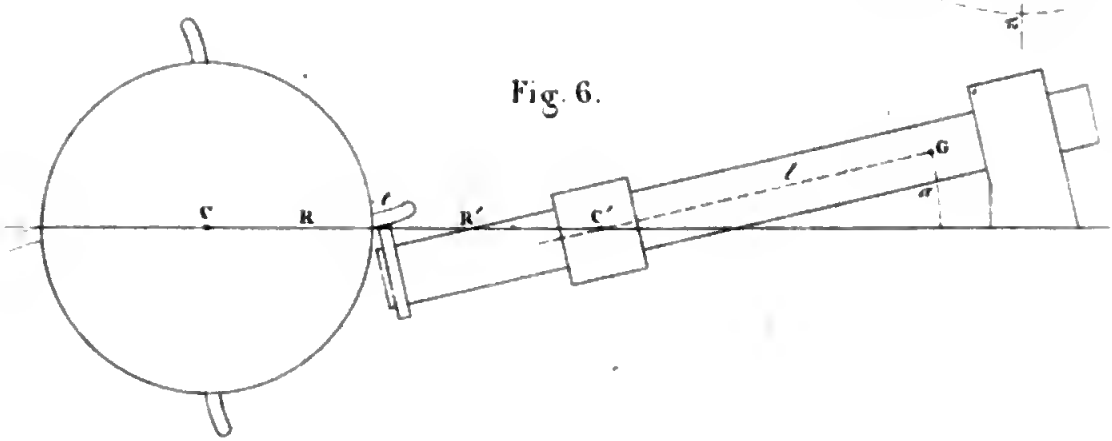

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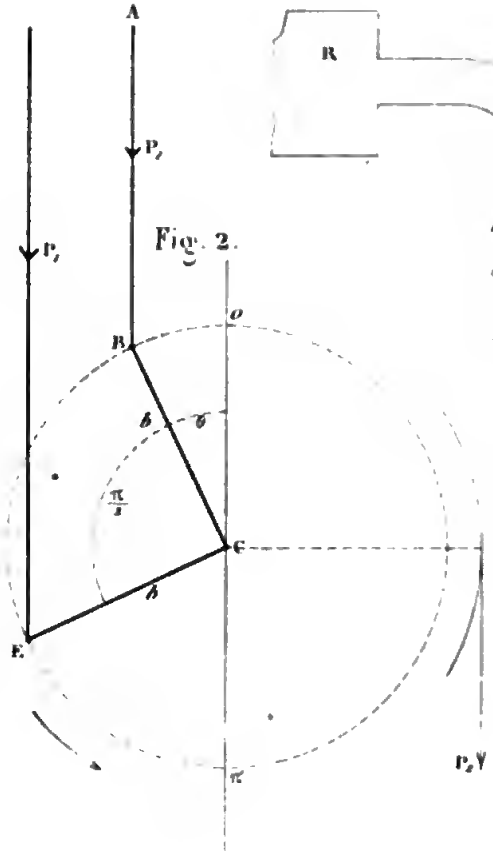

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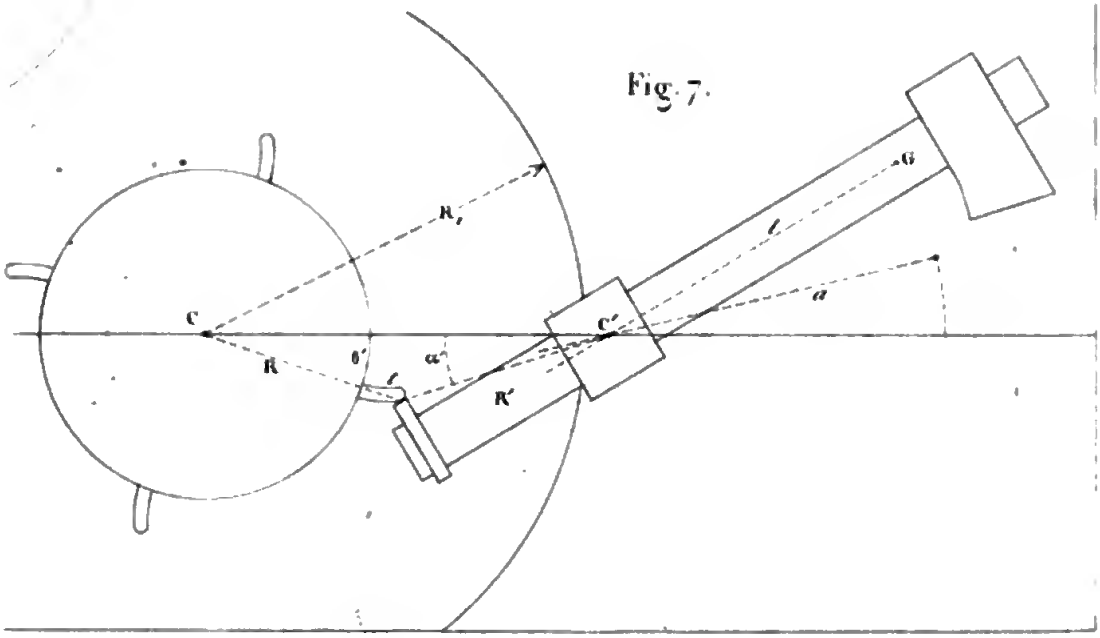
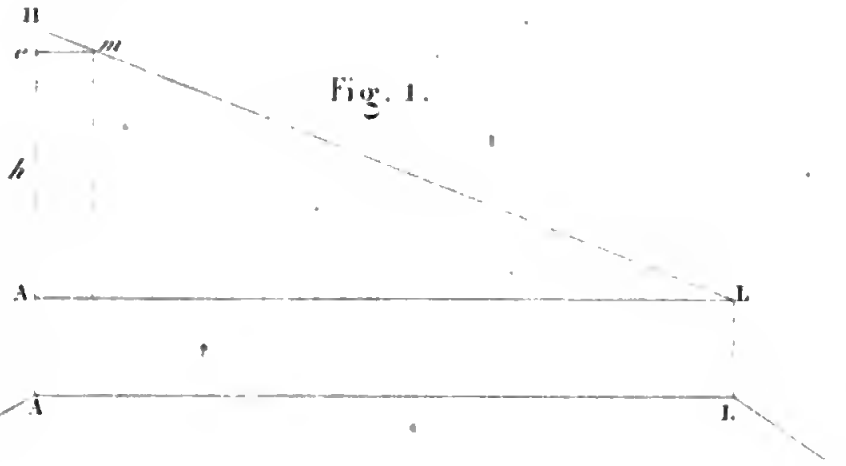


BIBLIOTECA NACIONAL
VIENA



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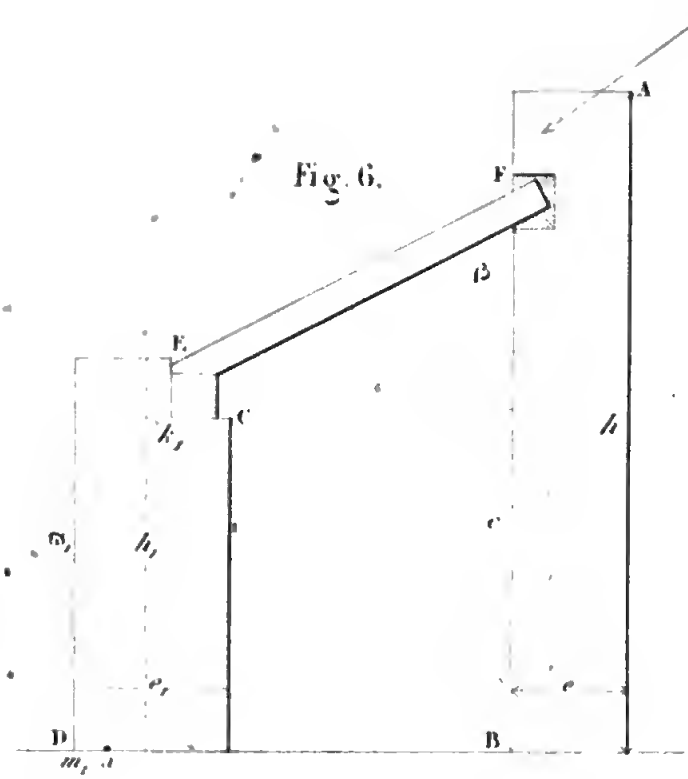

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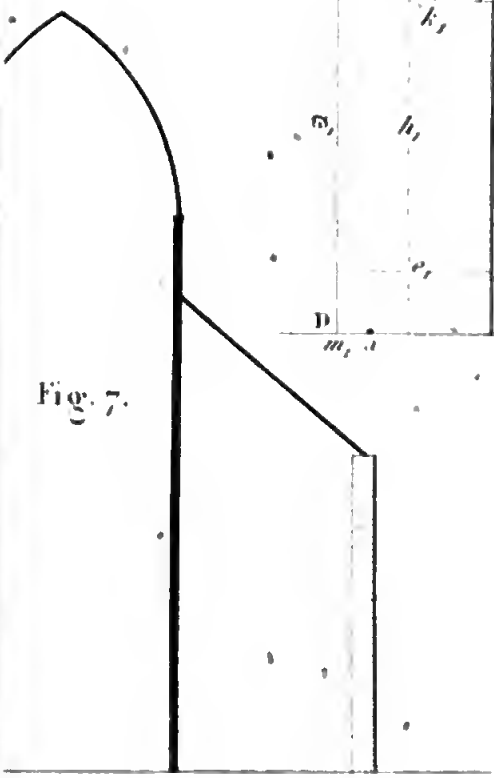

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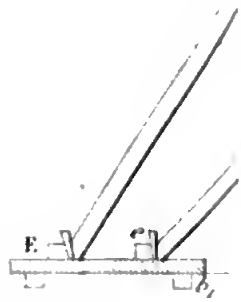

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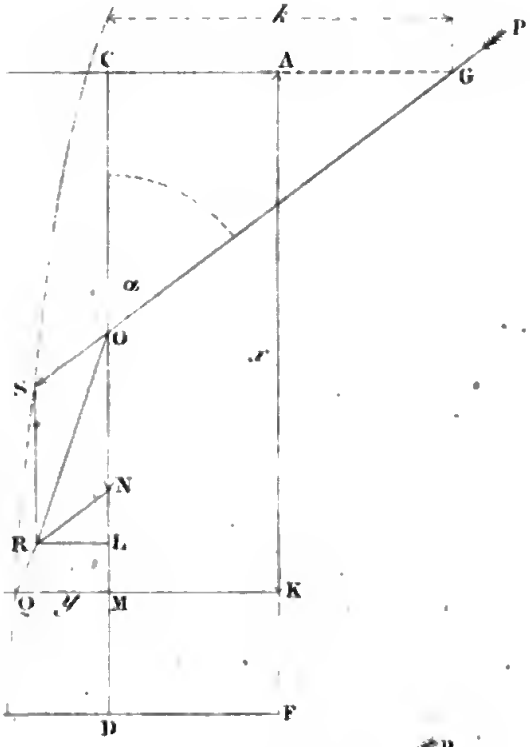

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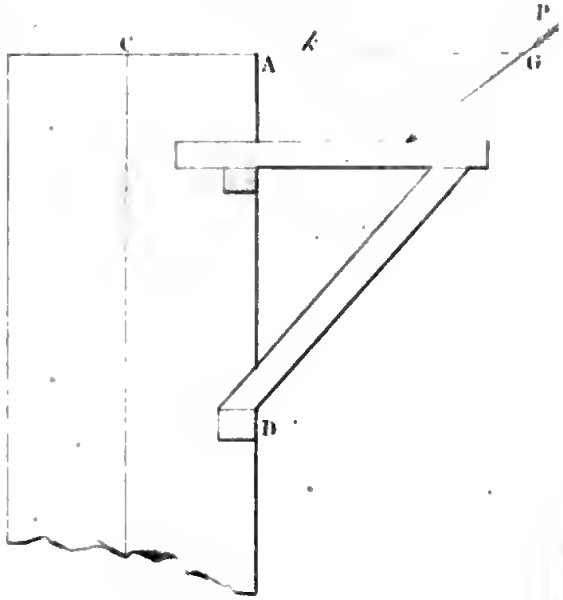

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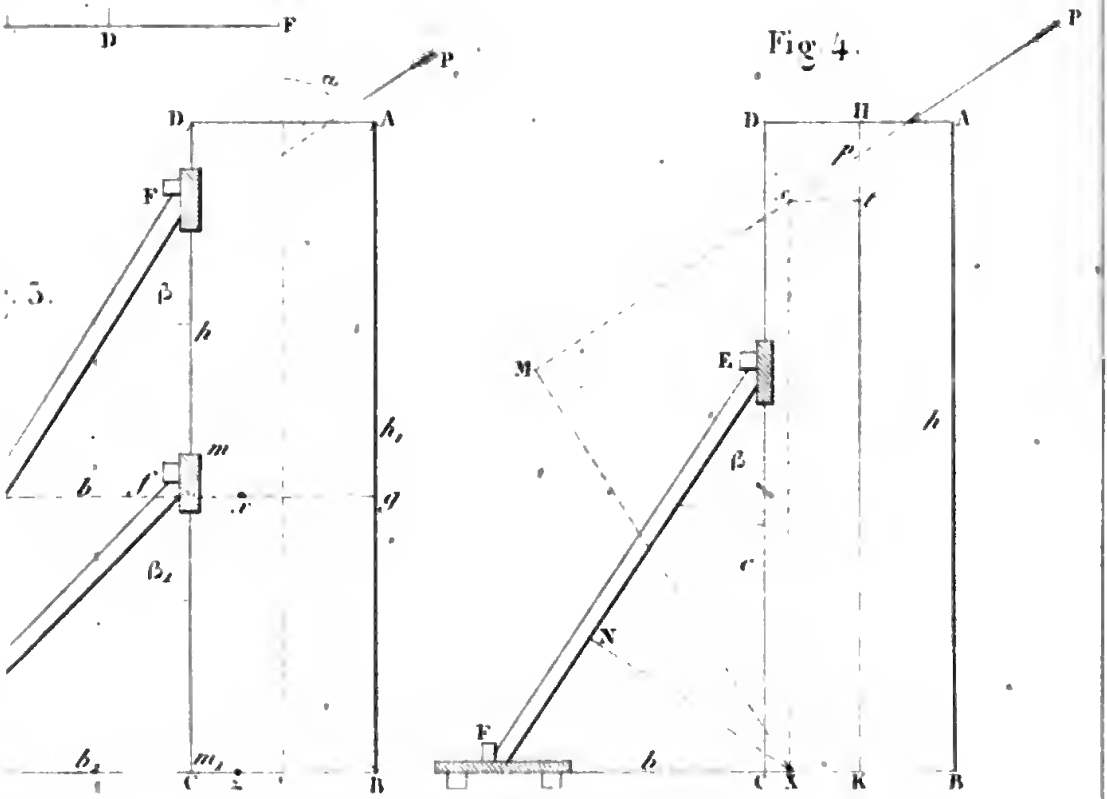

Lemaître

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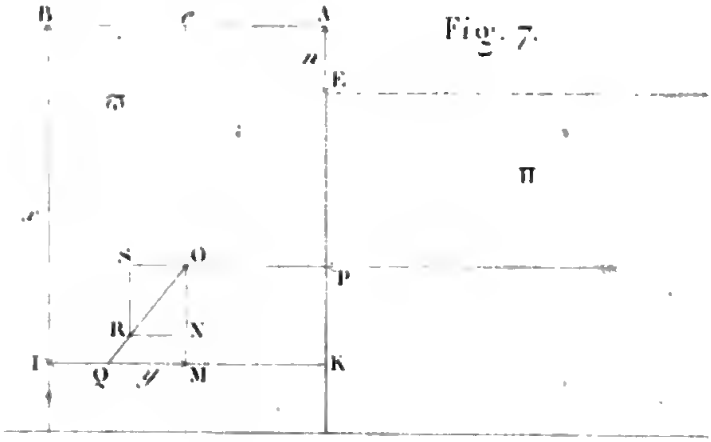
Fig. 7.



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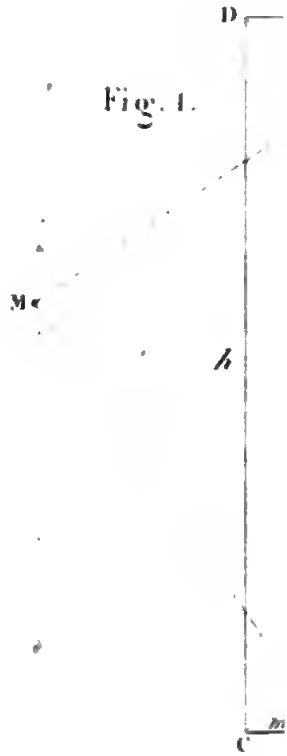

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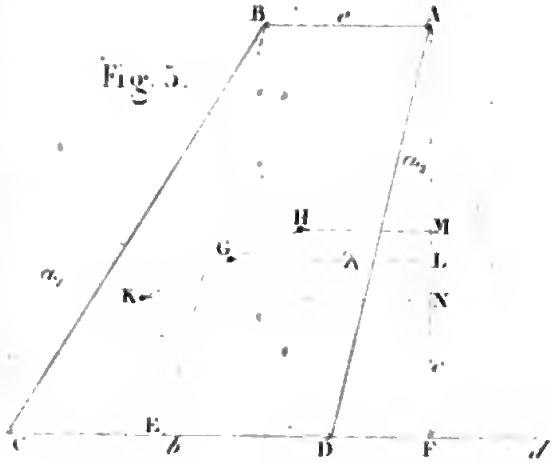

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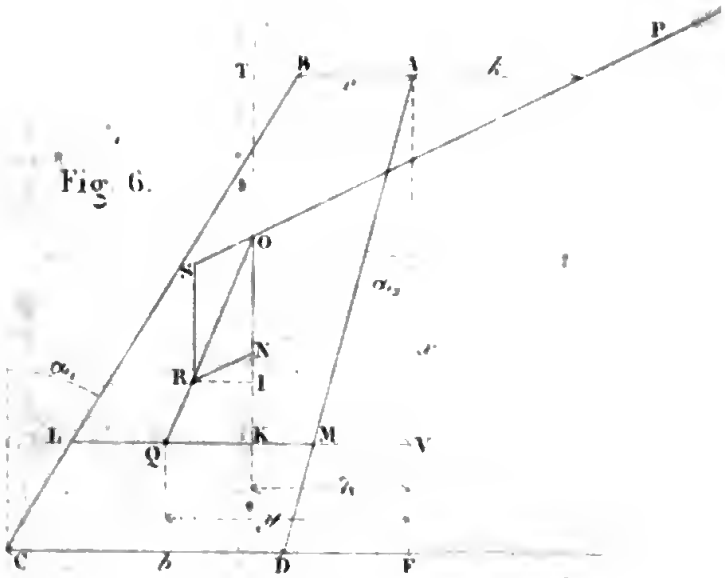

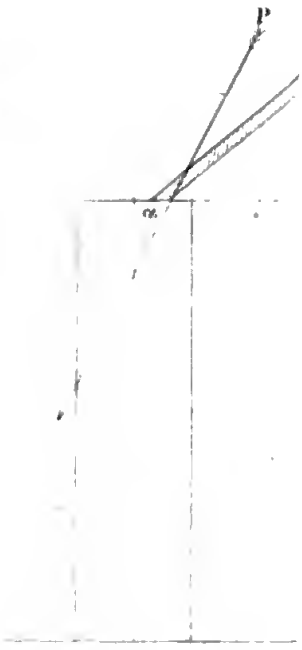

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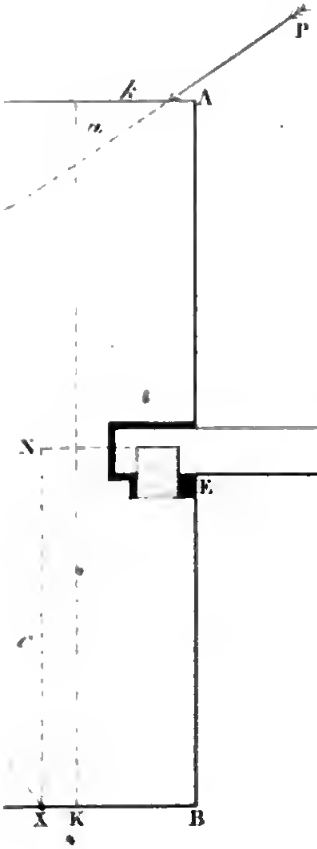

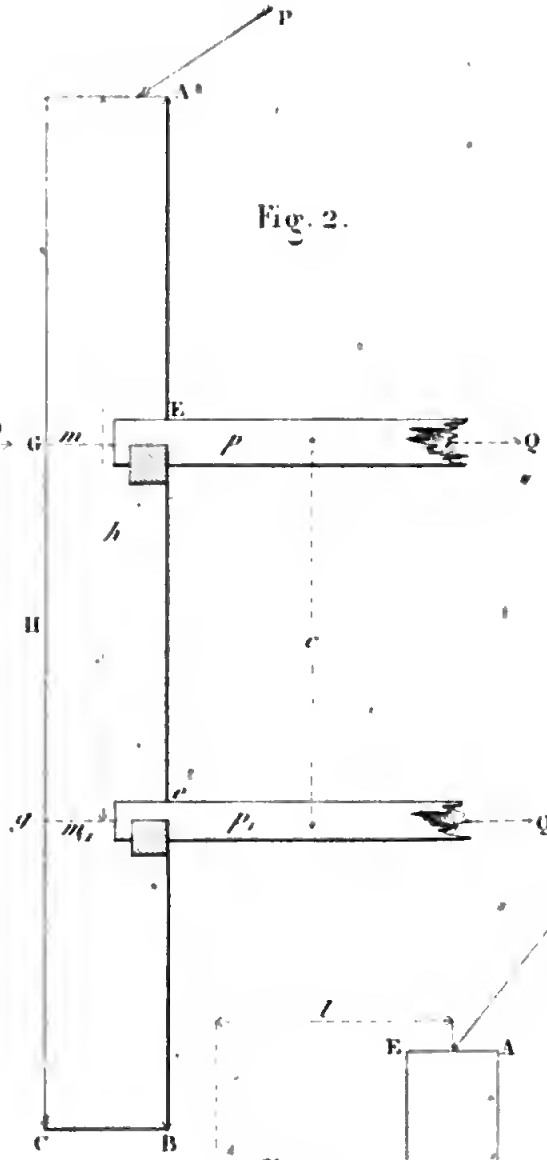

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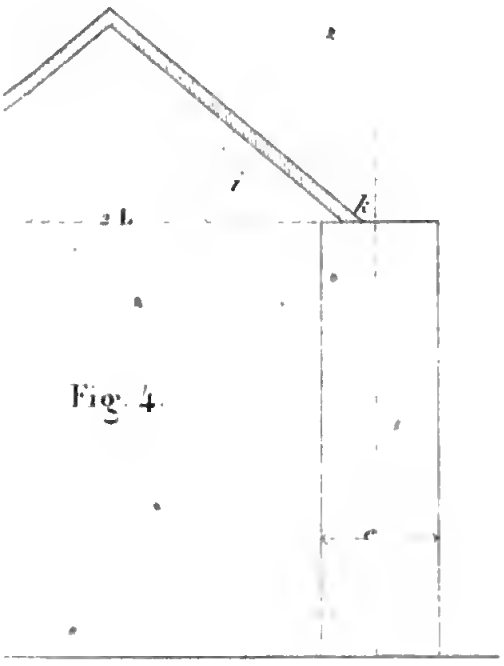

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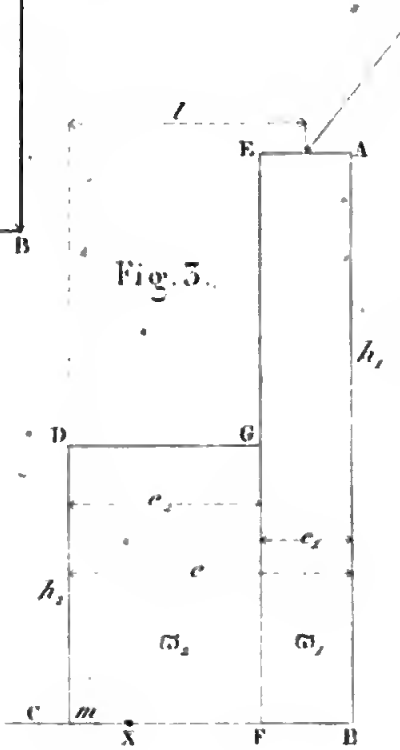

Fig. 3.

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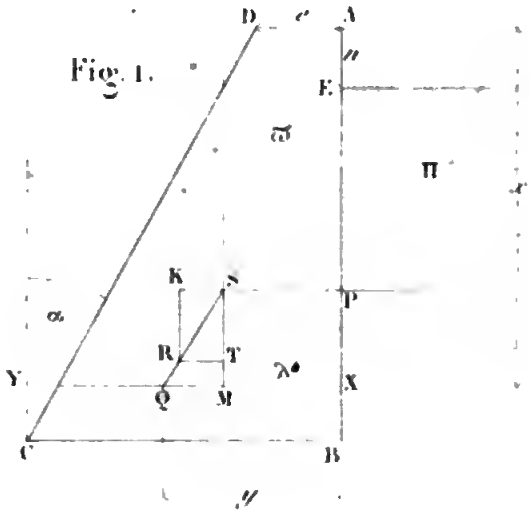

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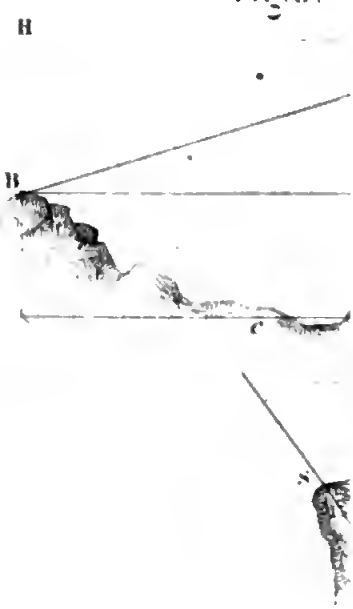

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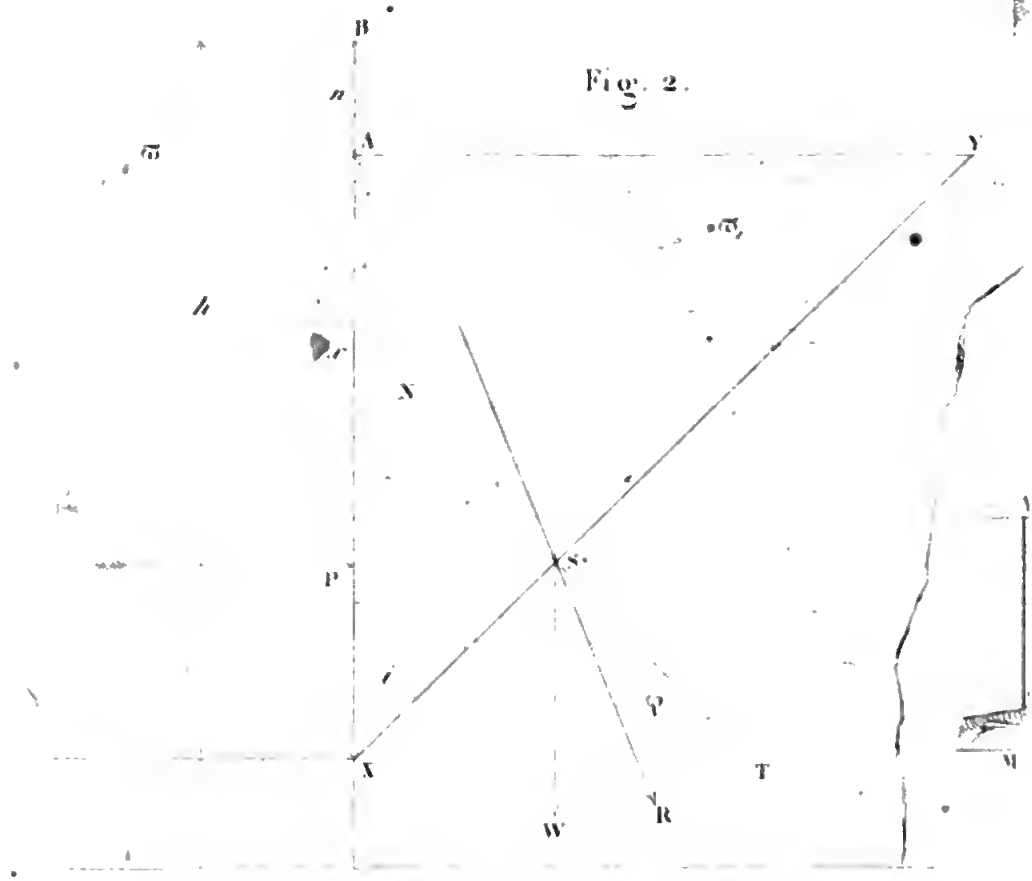

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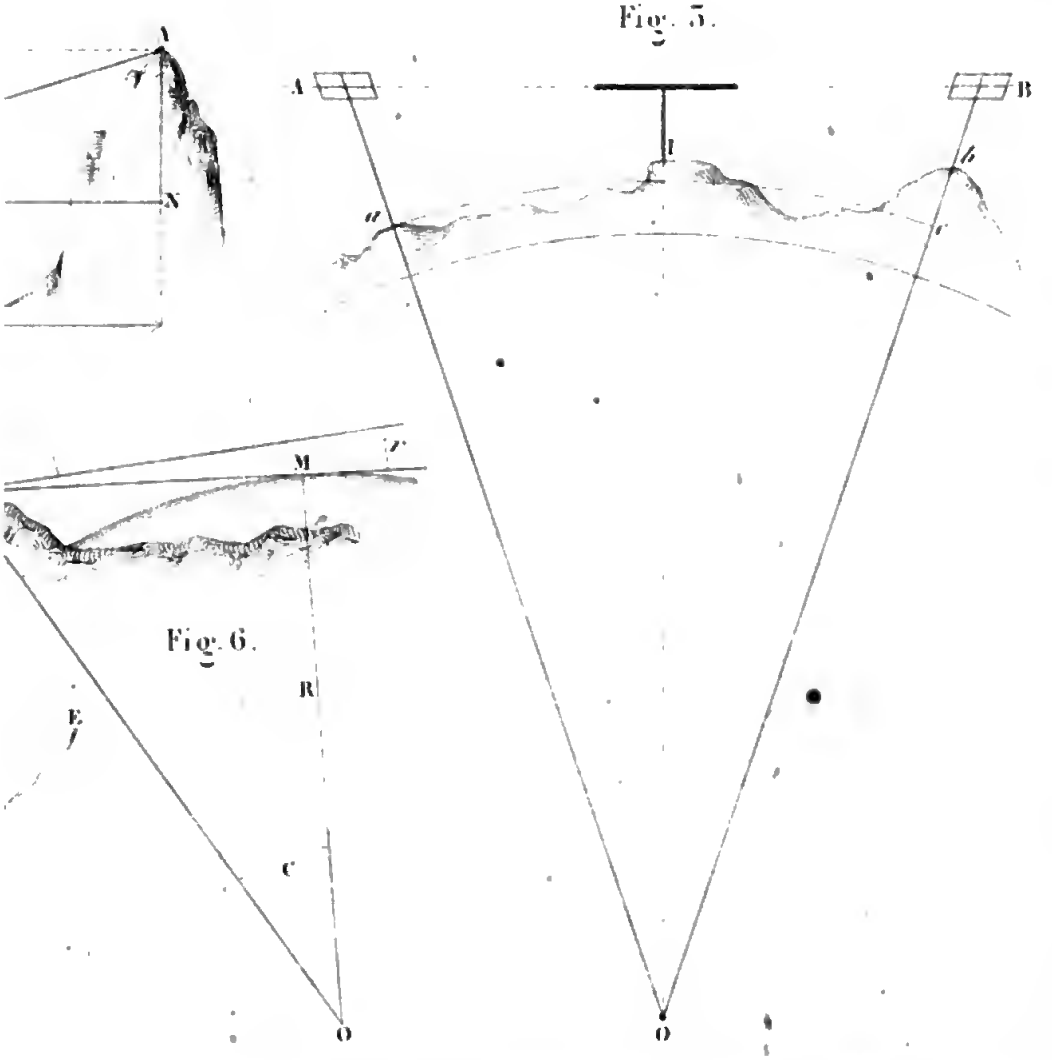

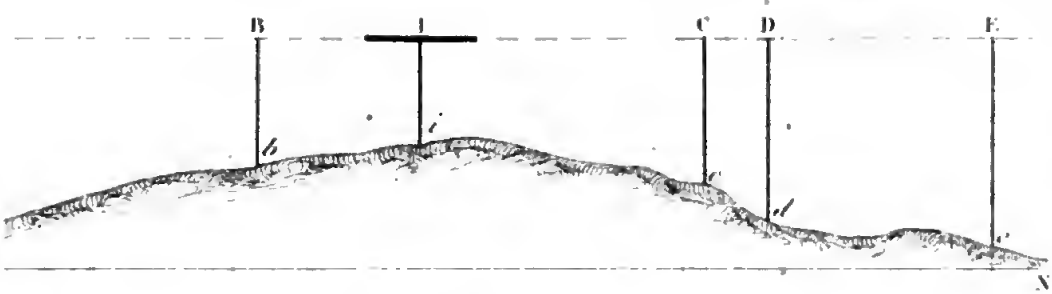

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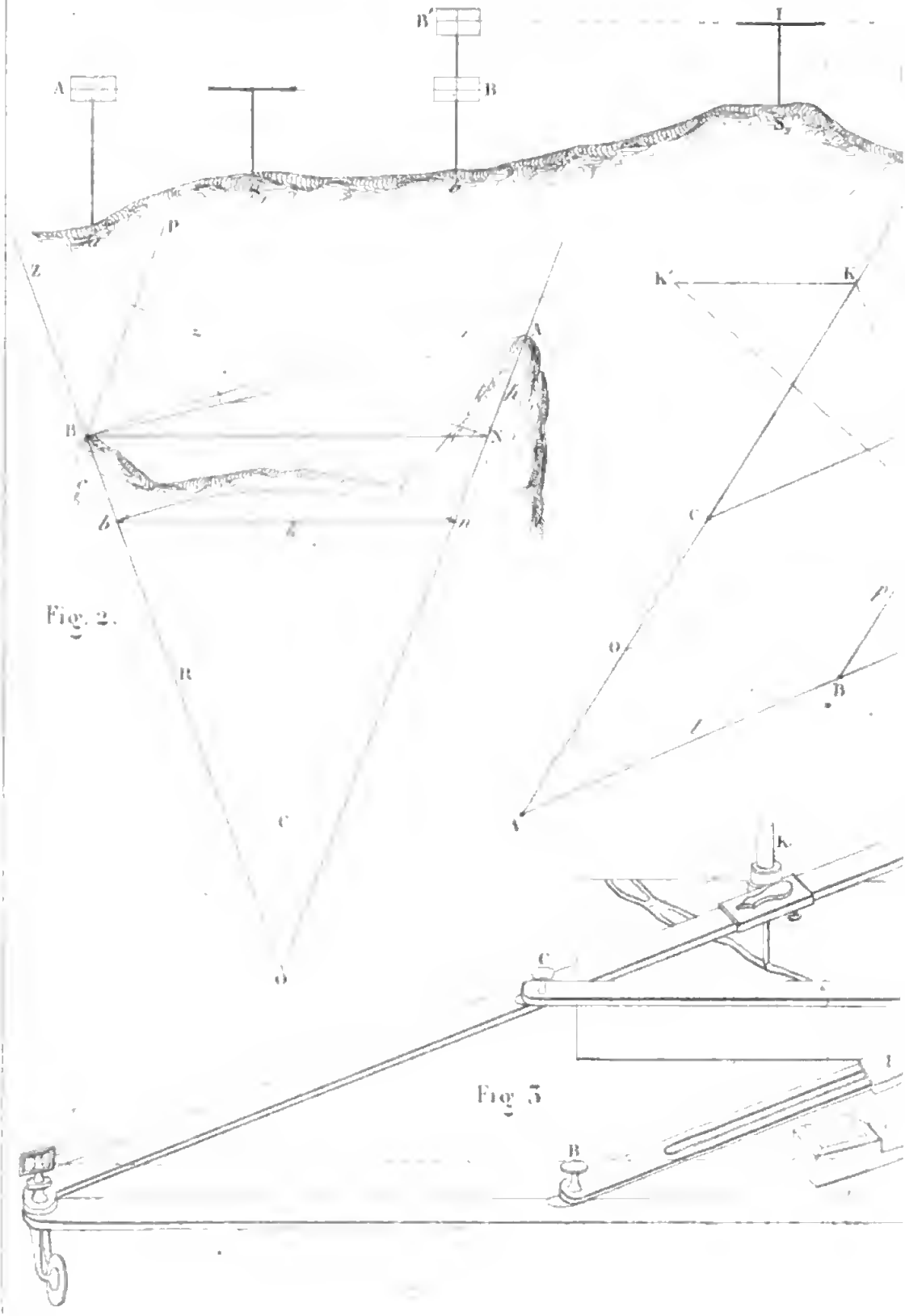

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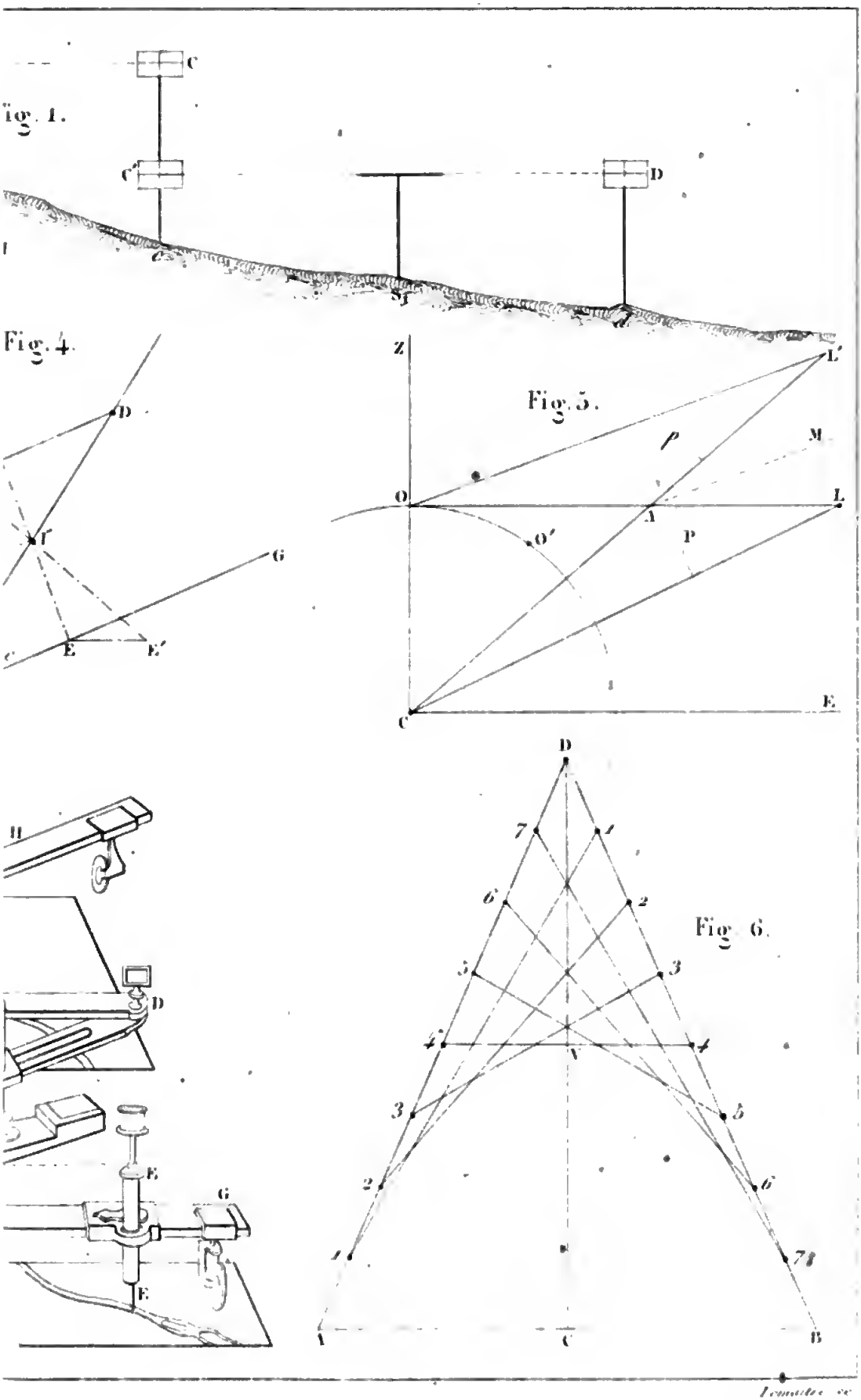

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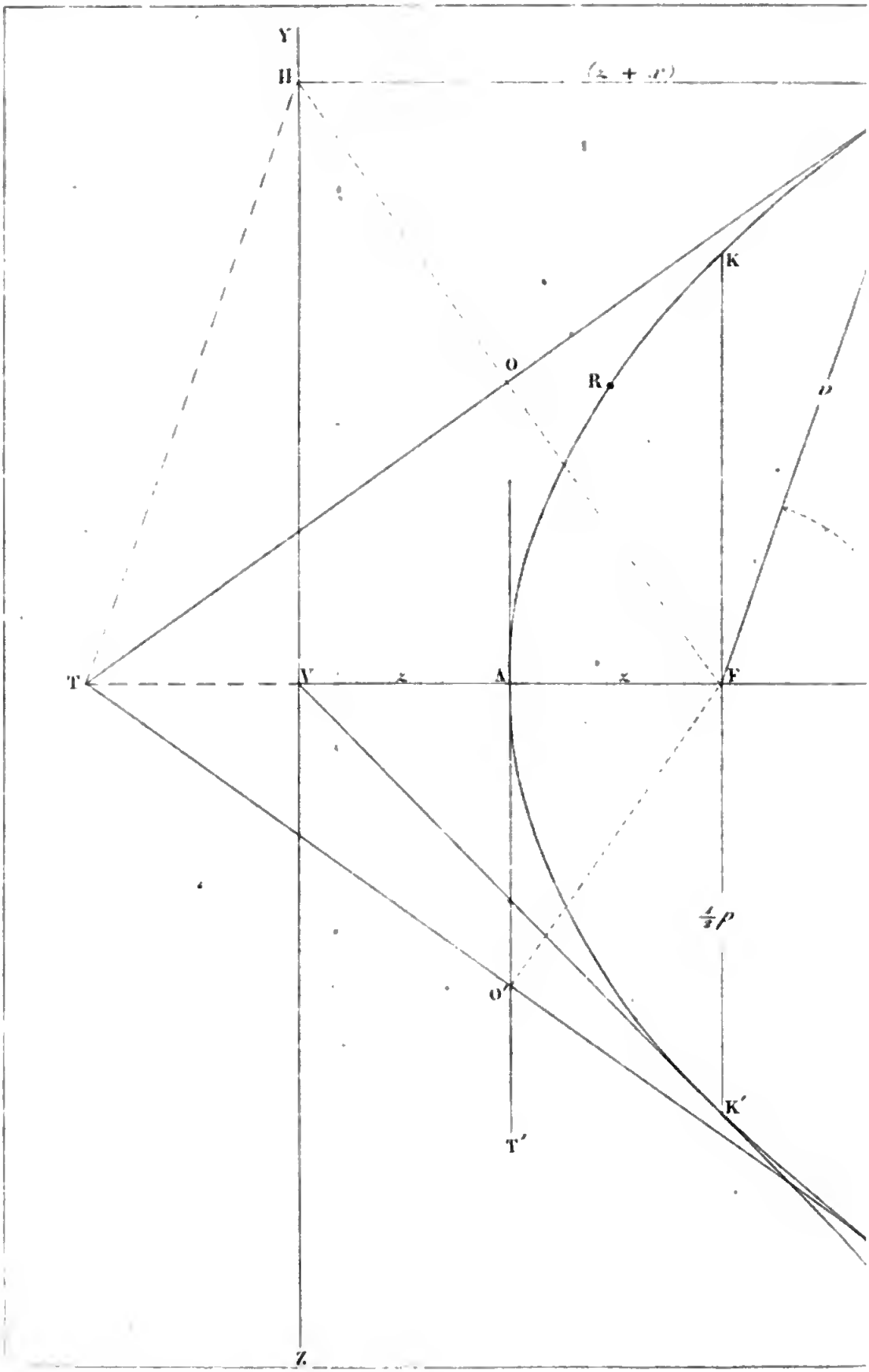

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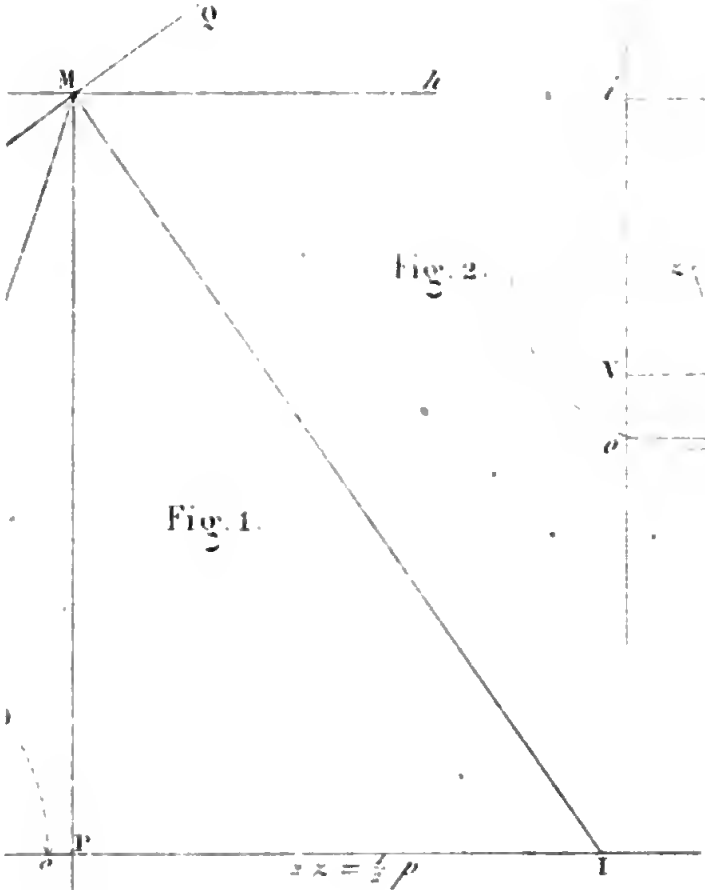

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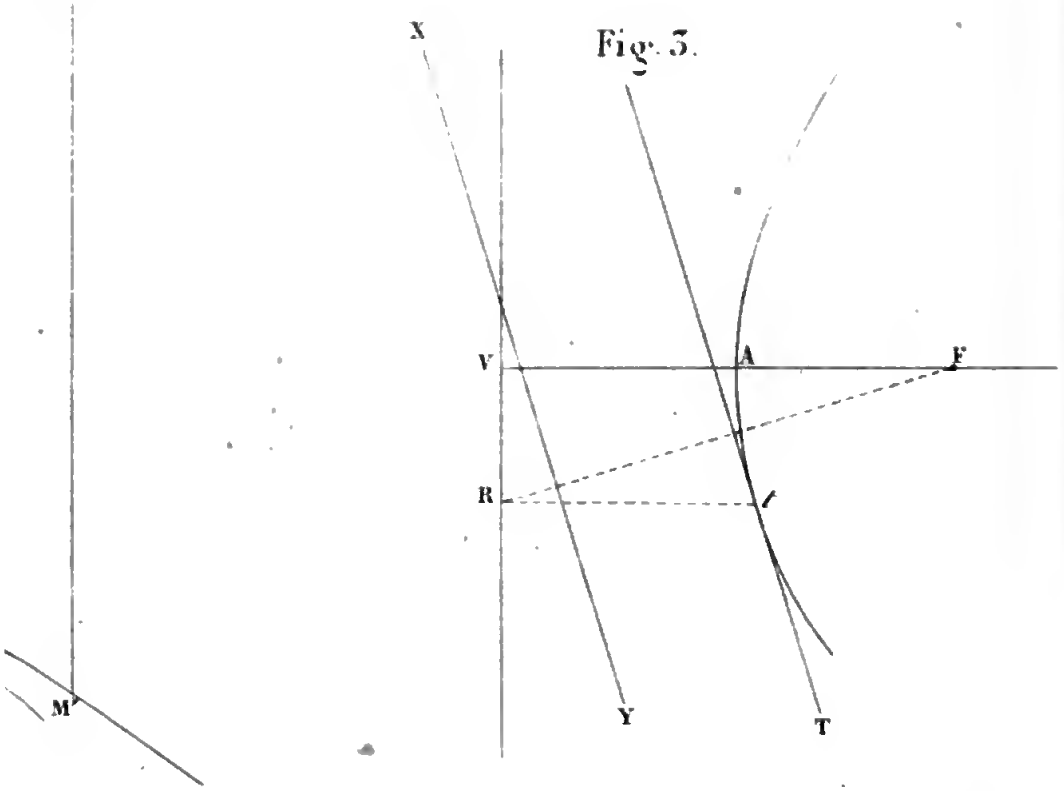

Fig. 3.

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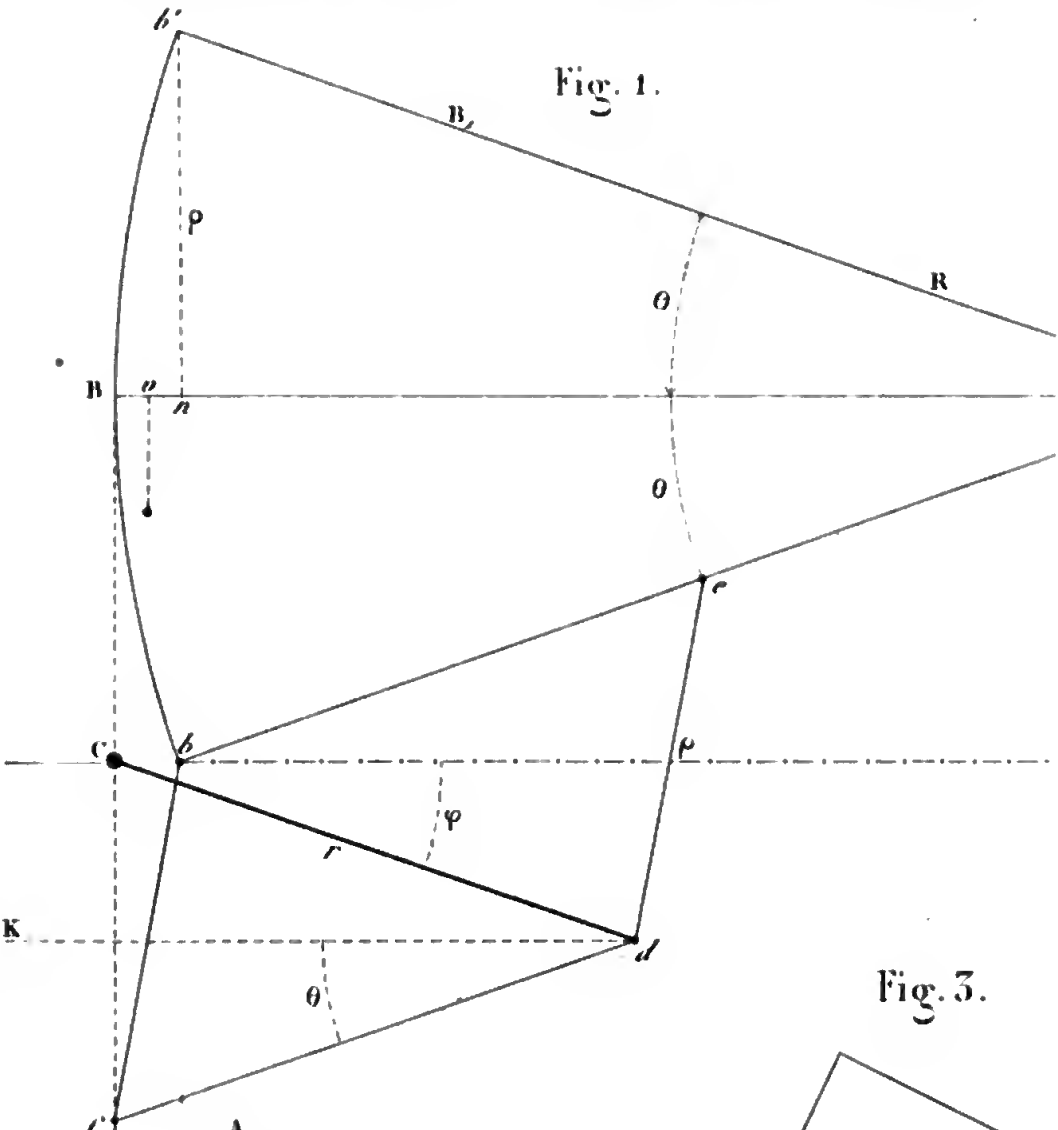

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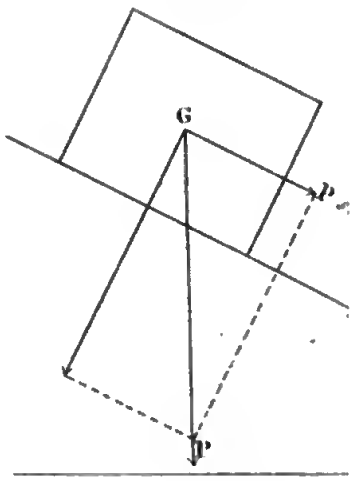

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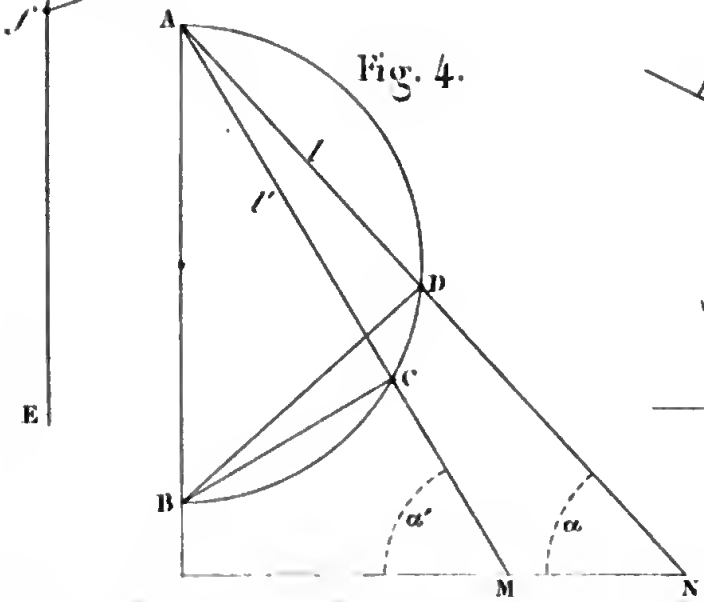

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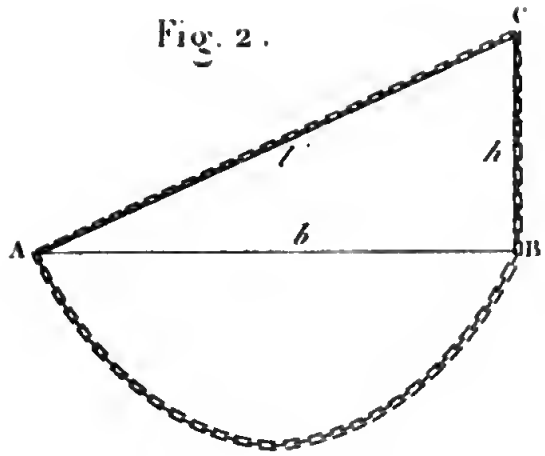

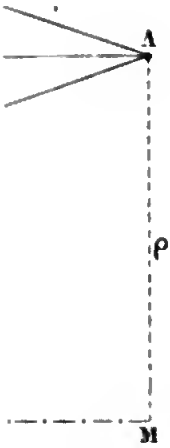

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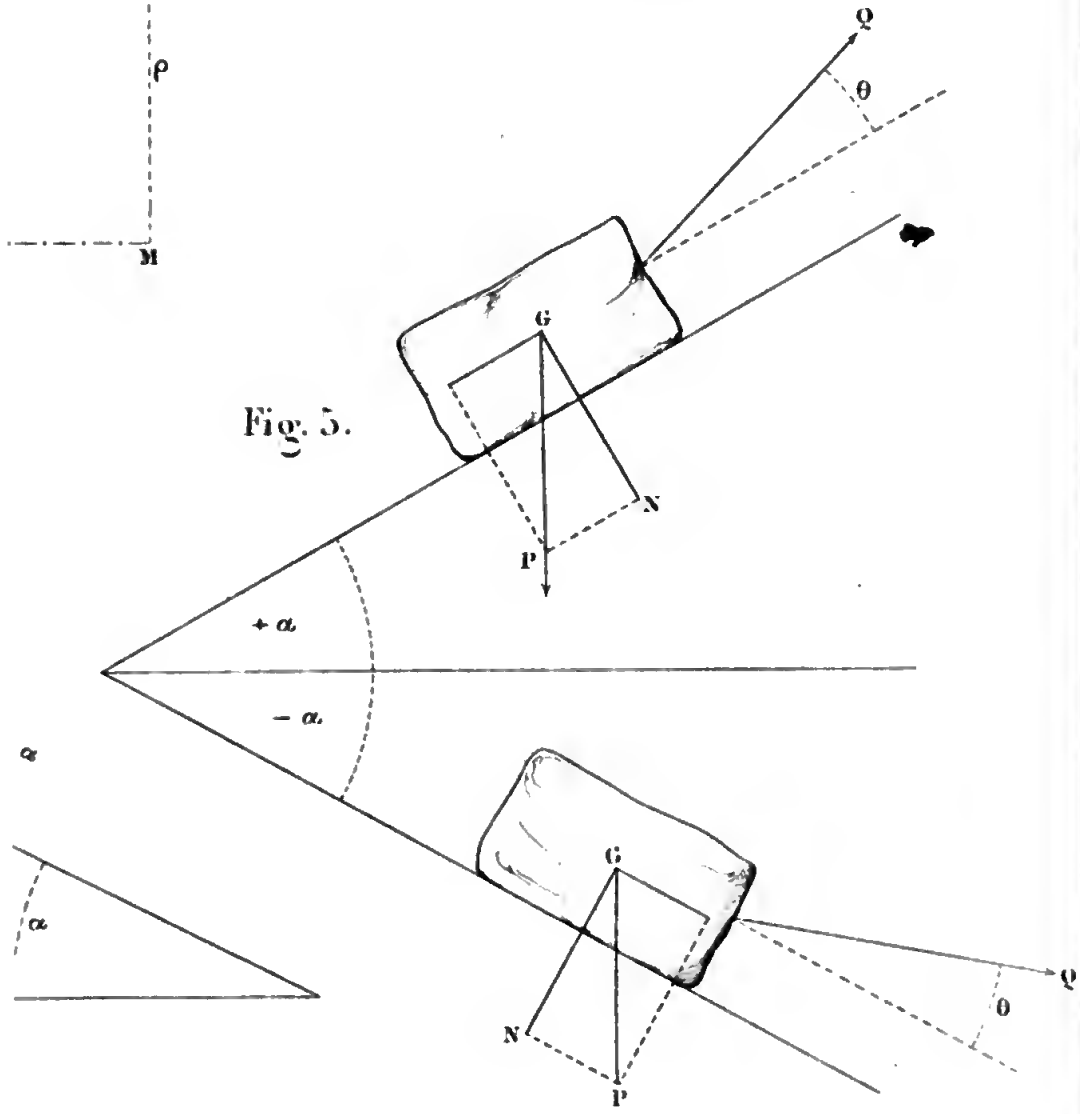

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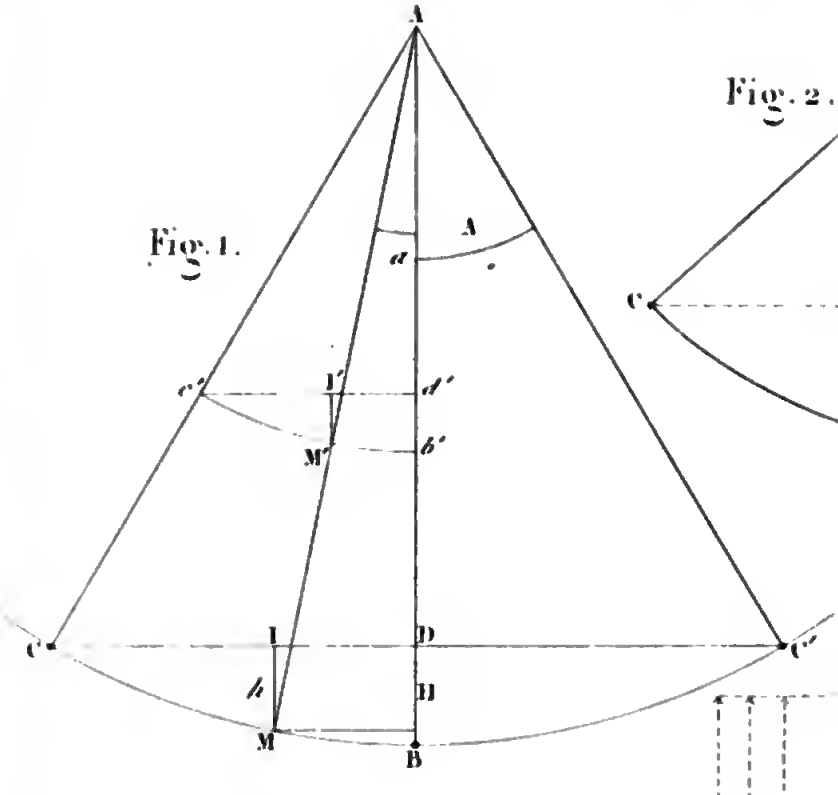

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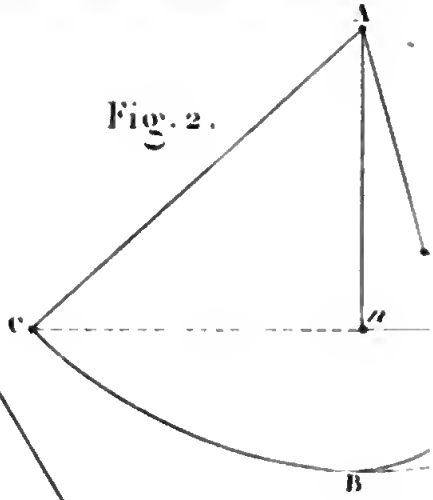

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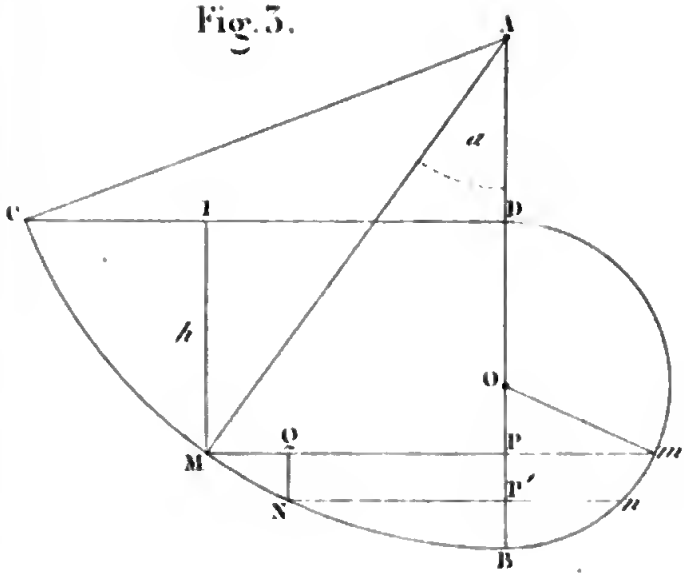

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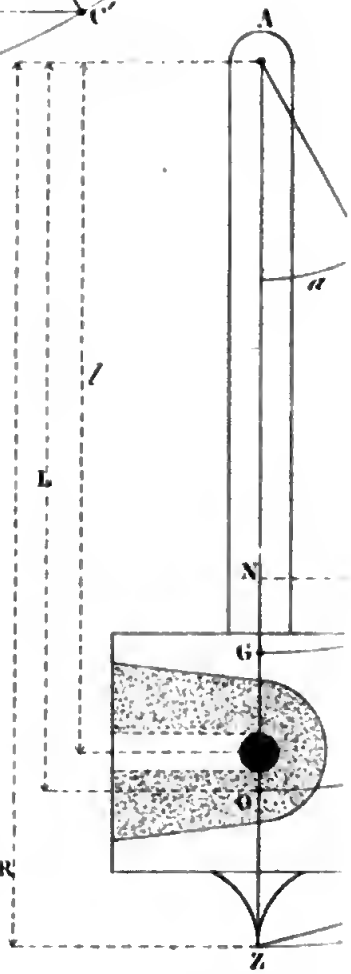

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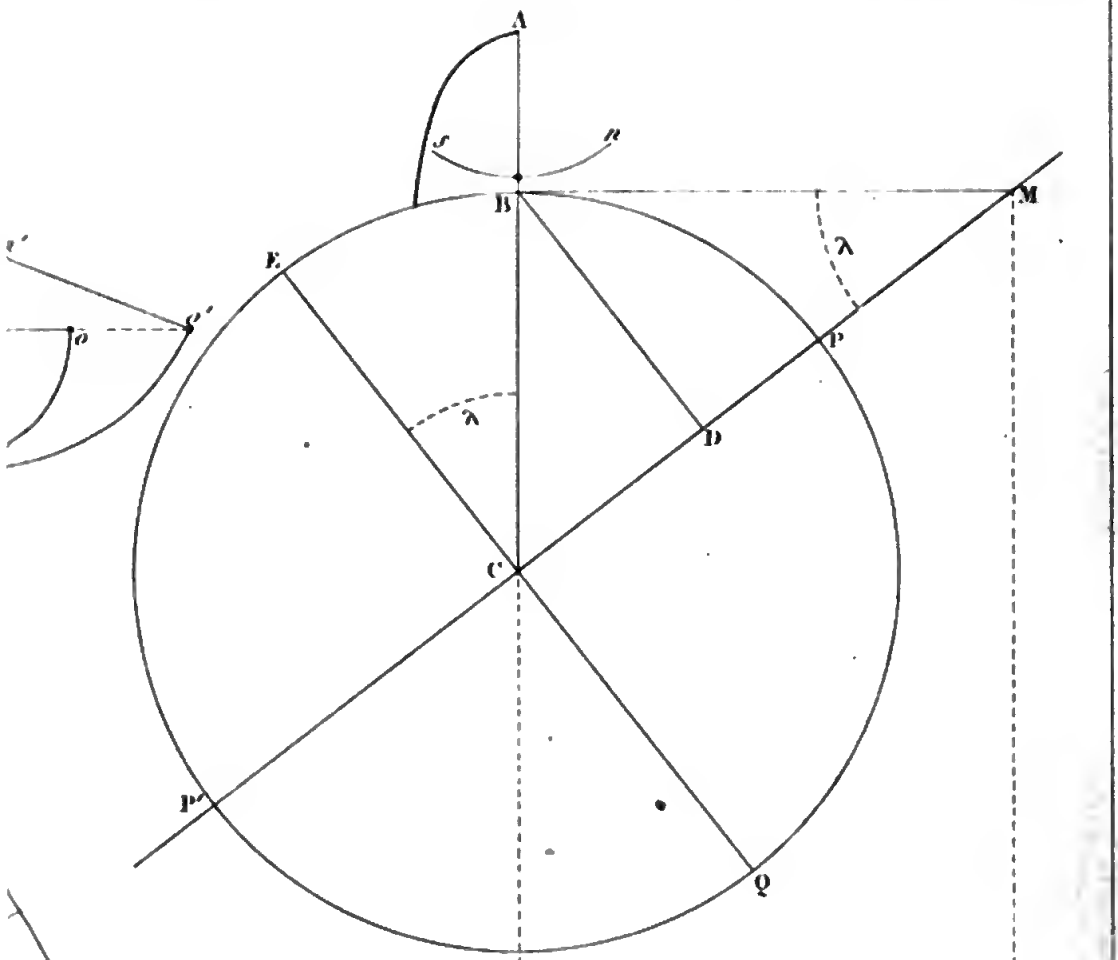

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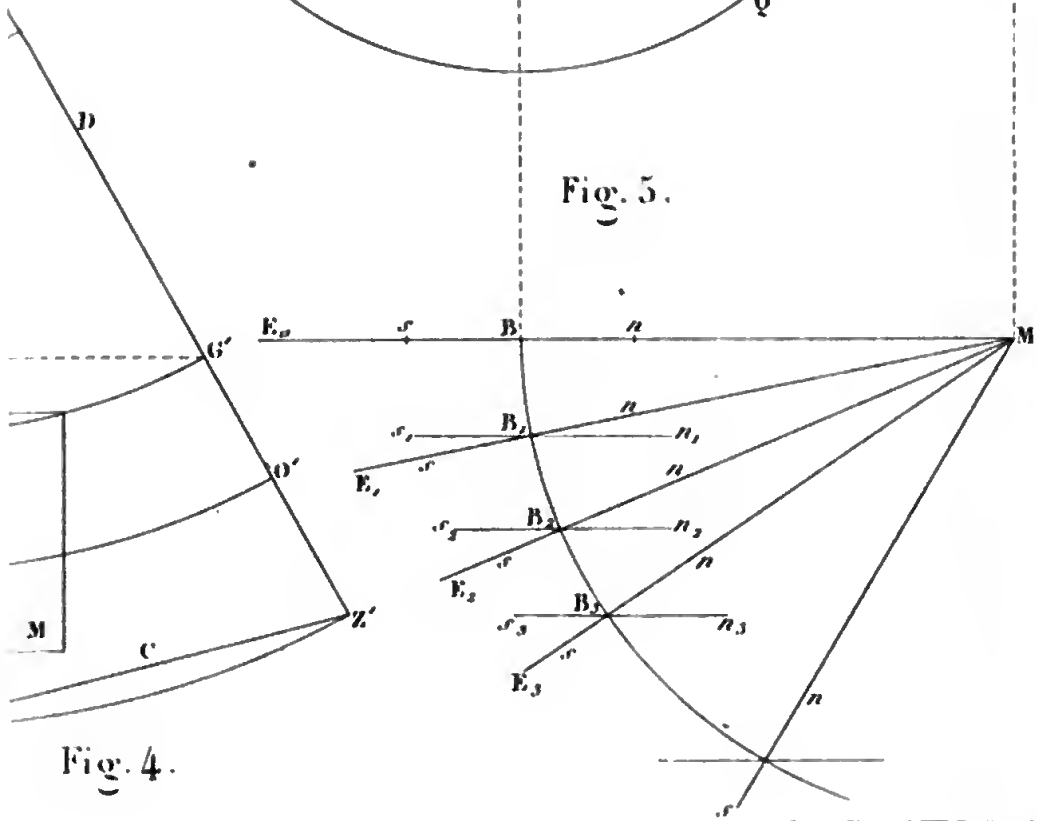

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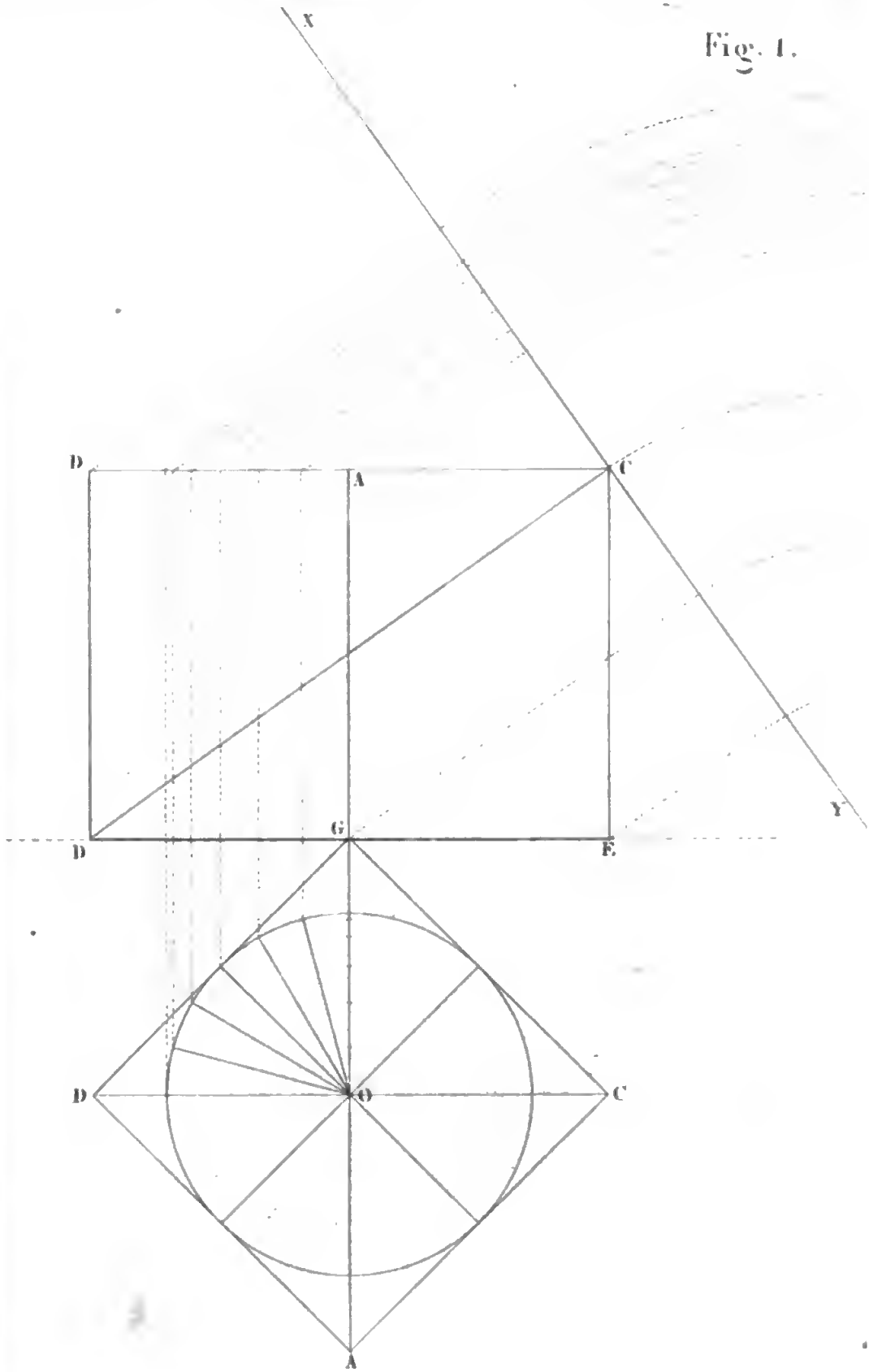

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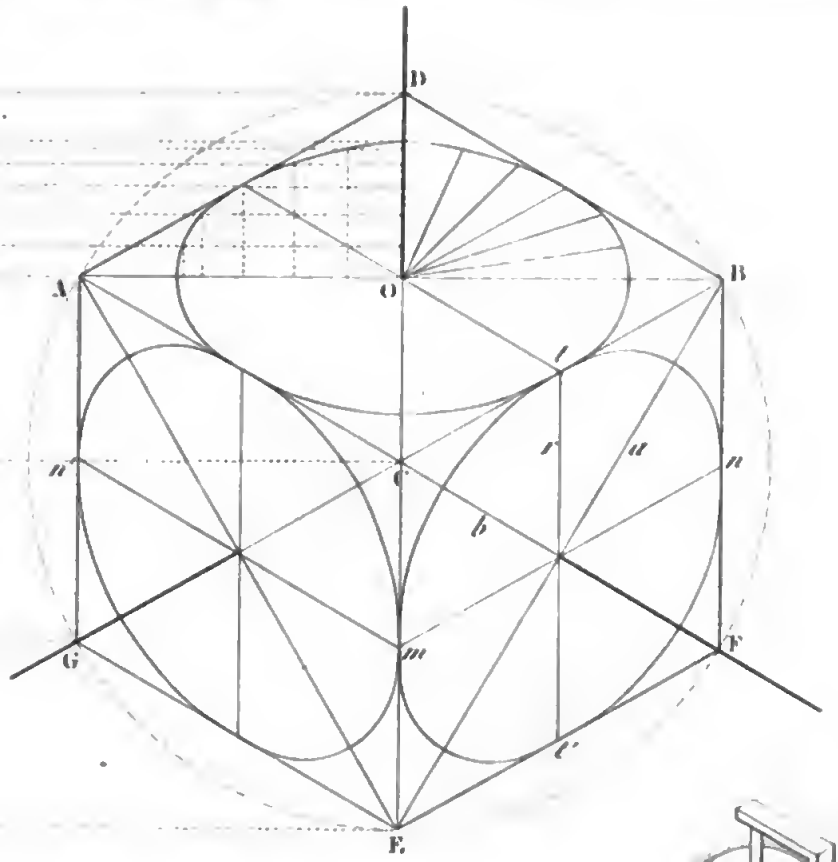

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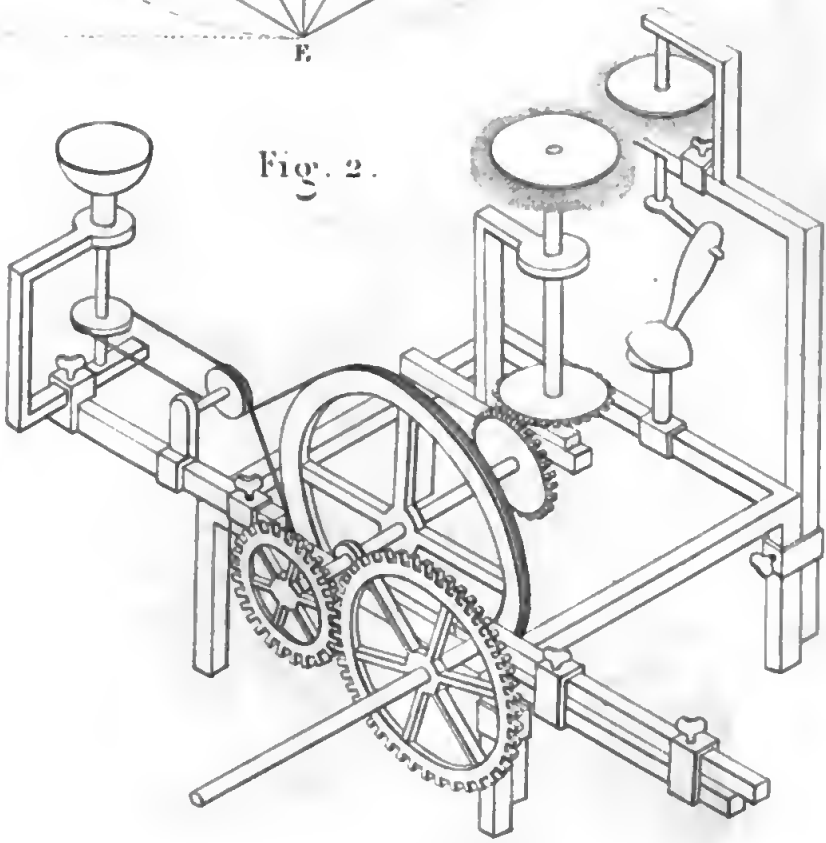

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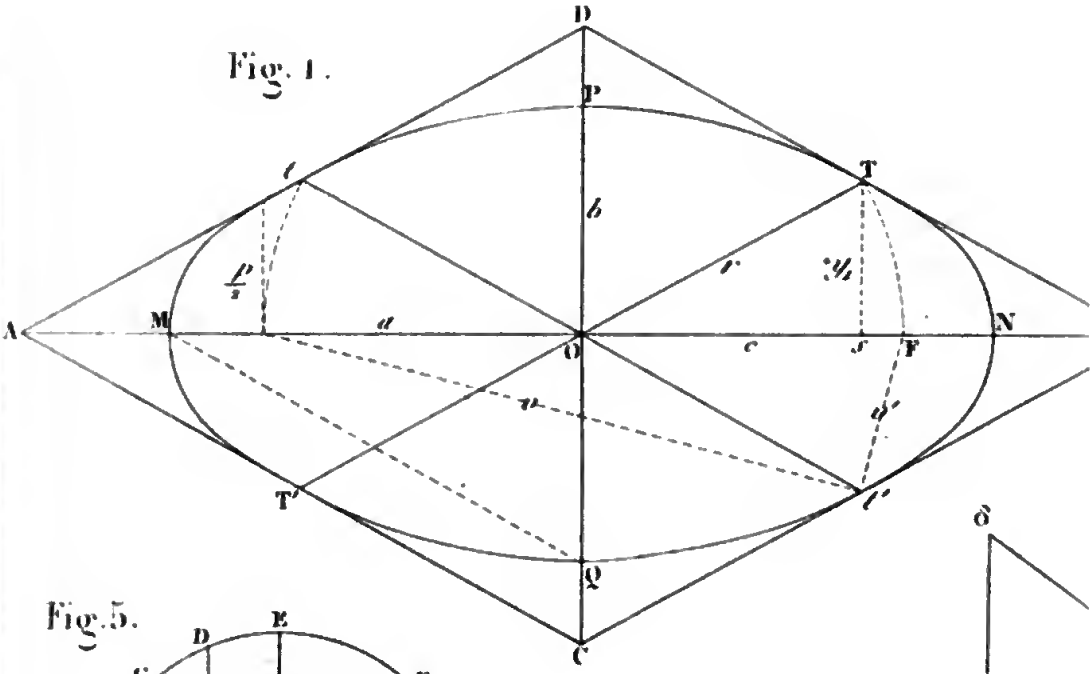

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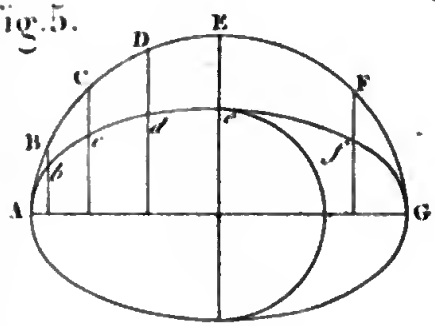

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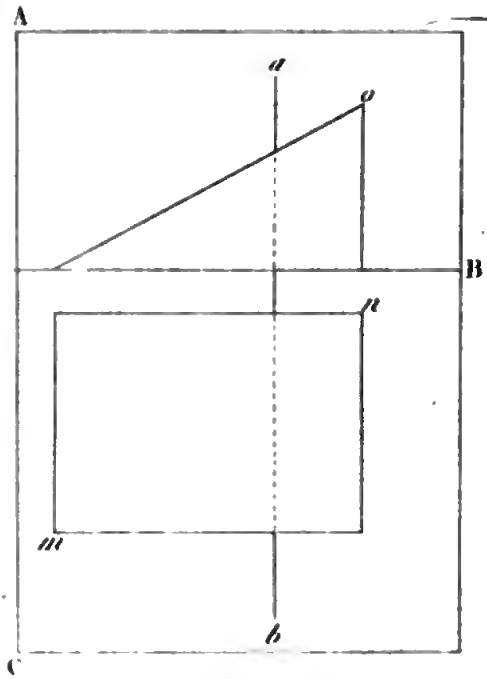

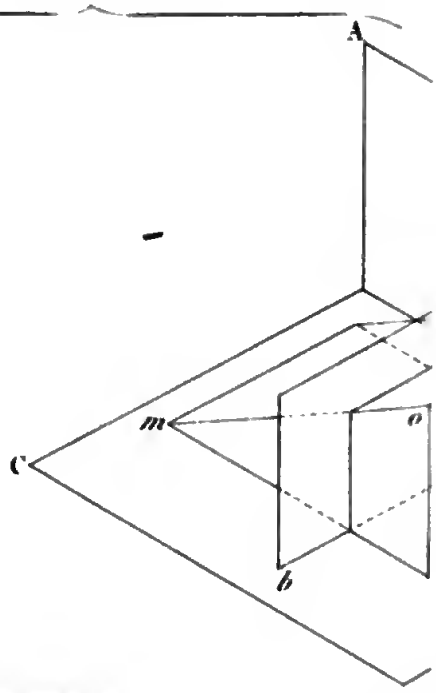

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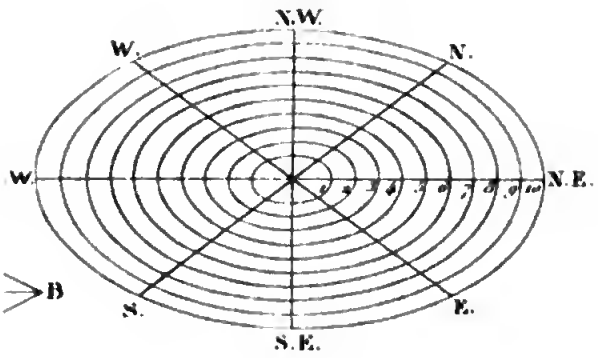

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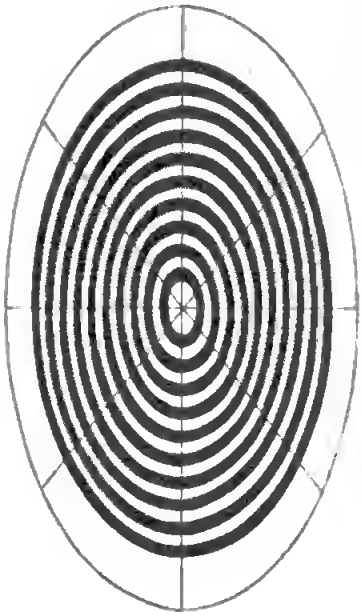

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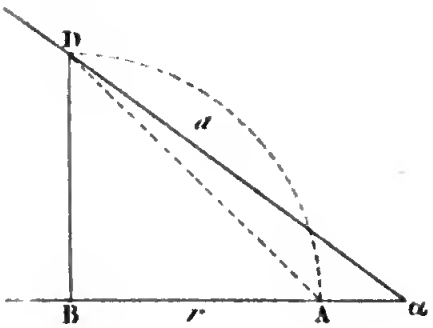

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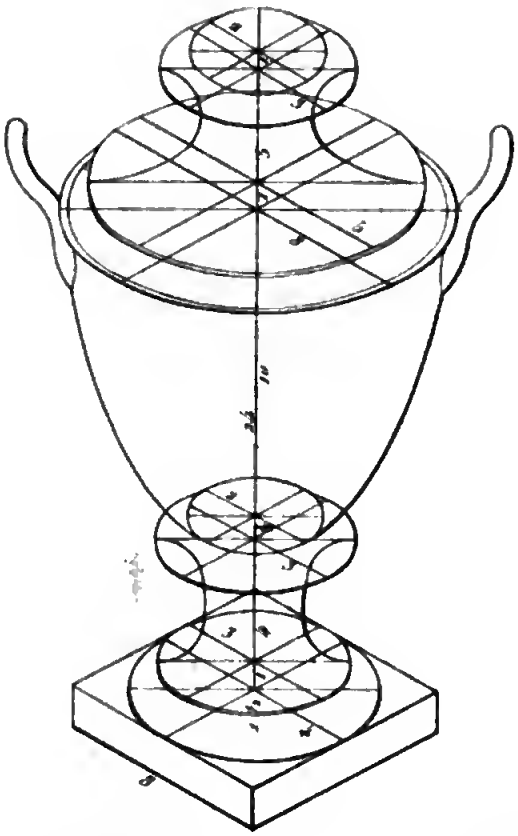

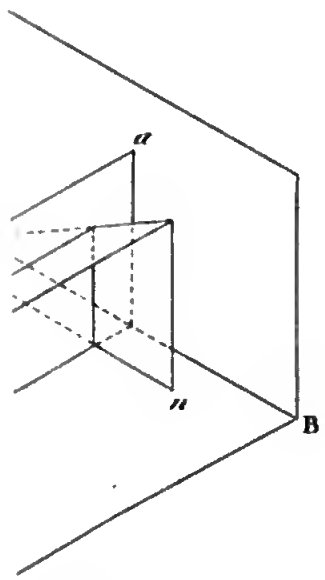

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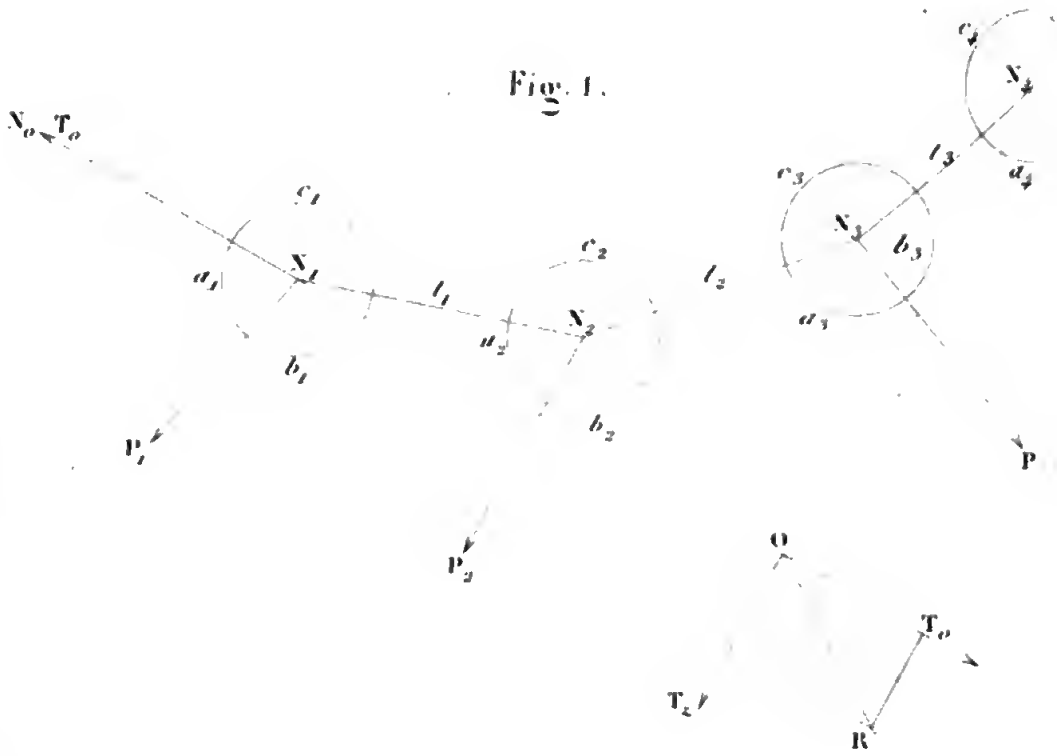
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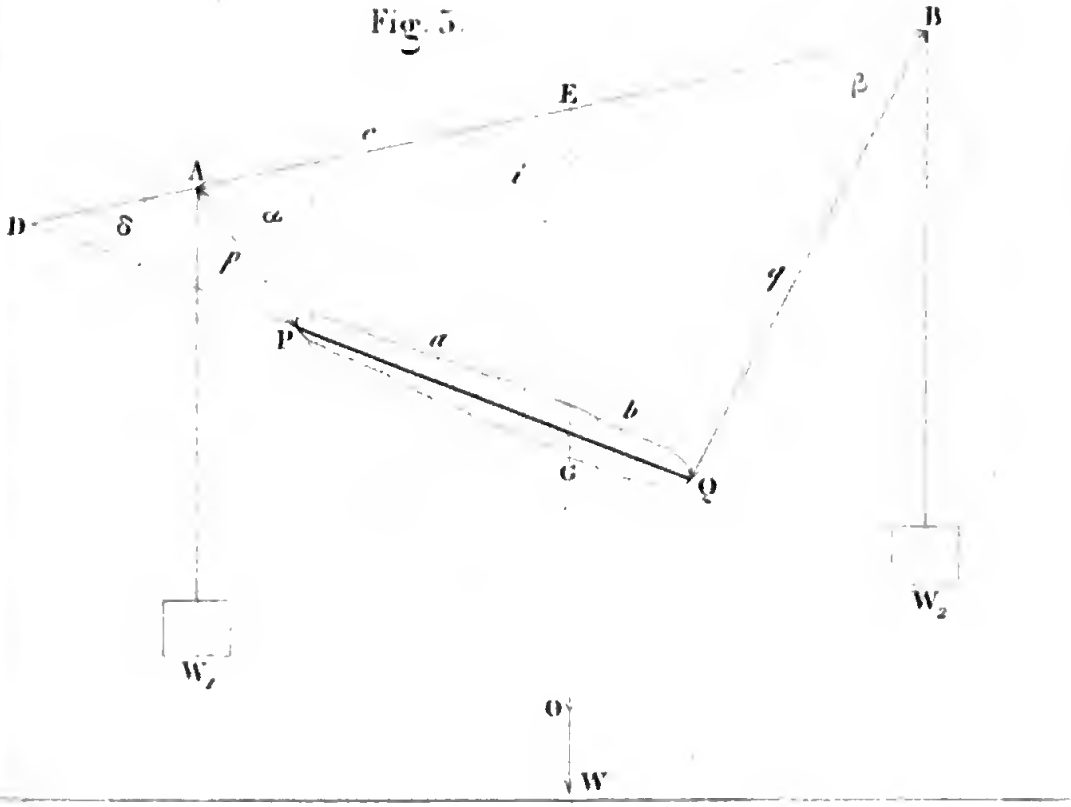
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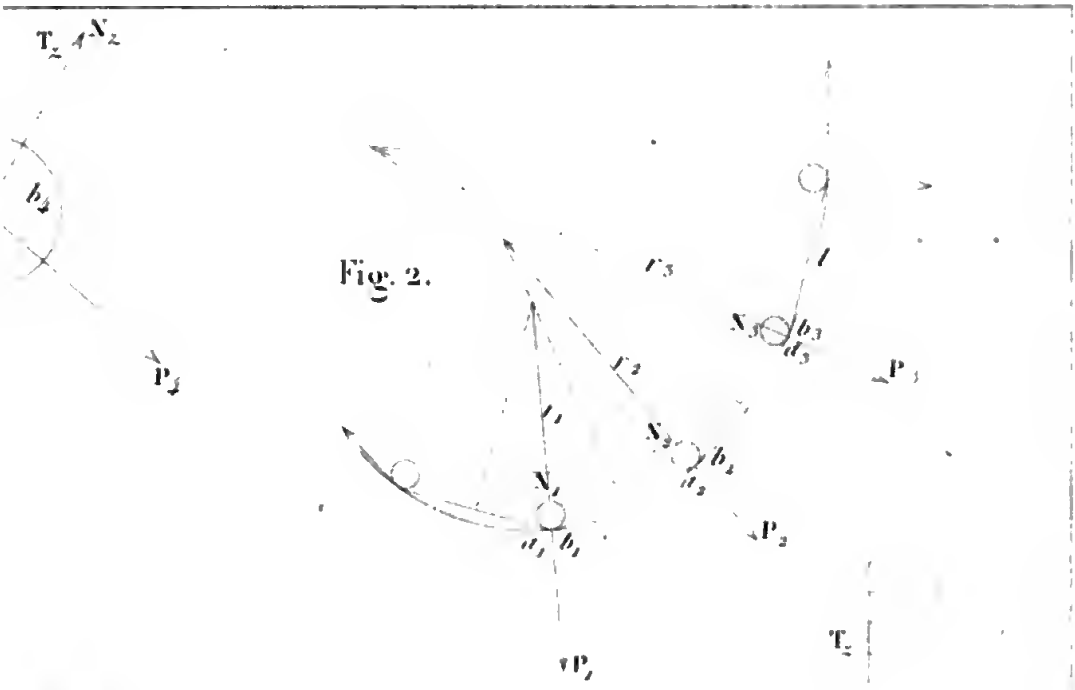

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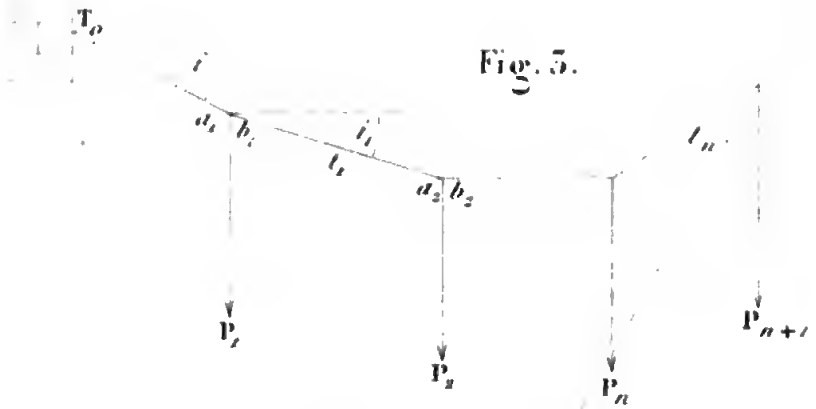

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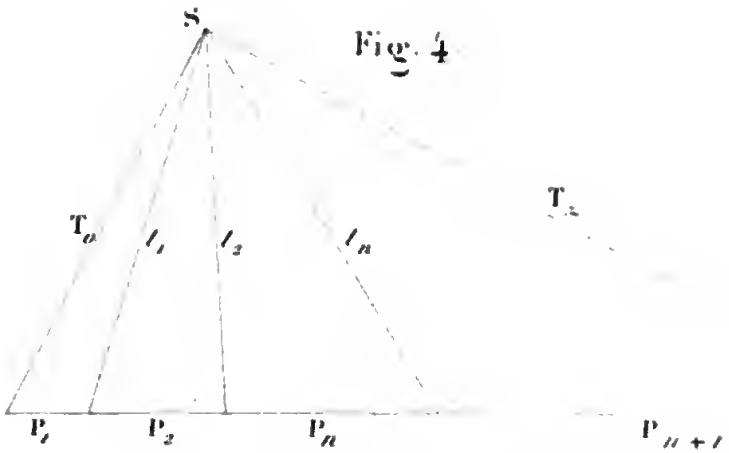

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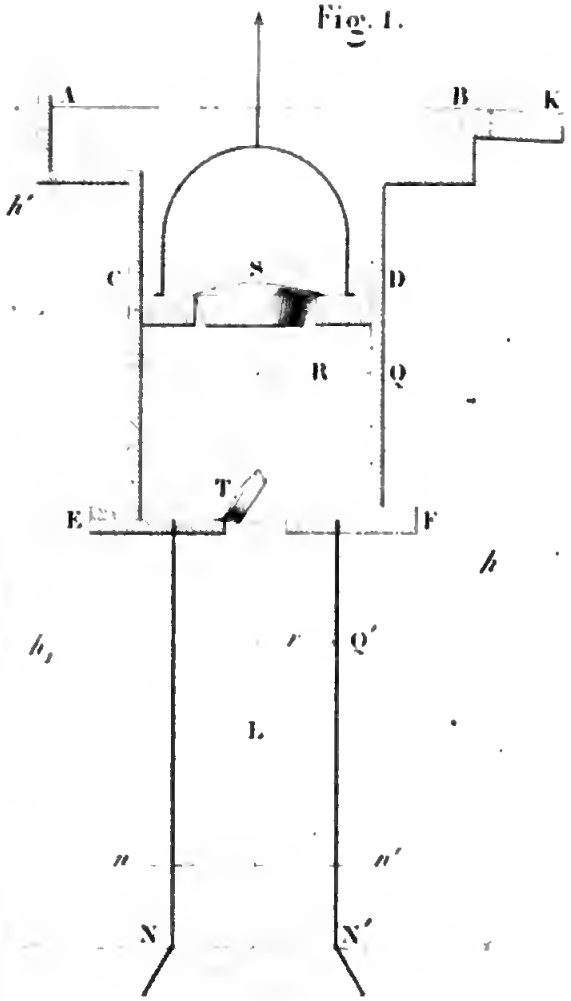

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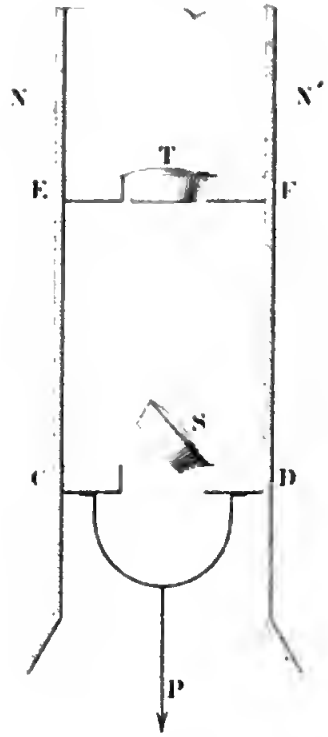

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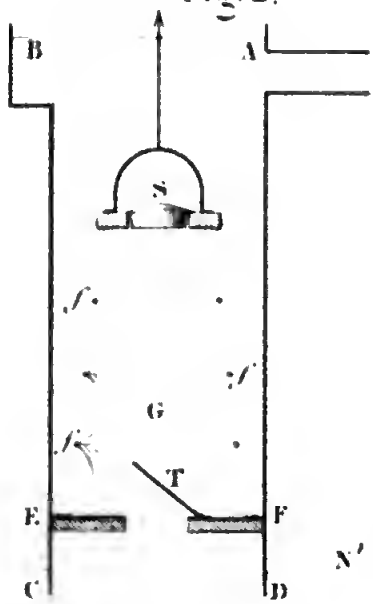

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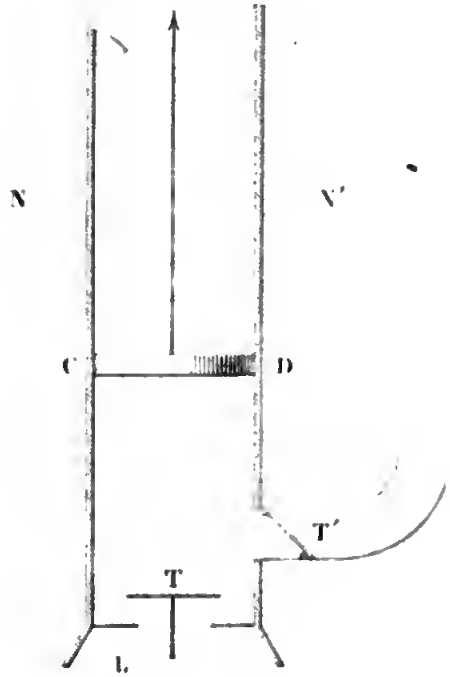

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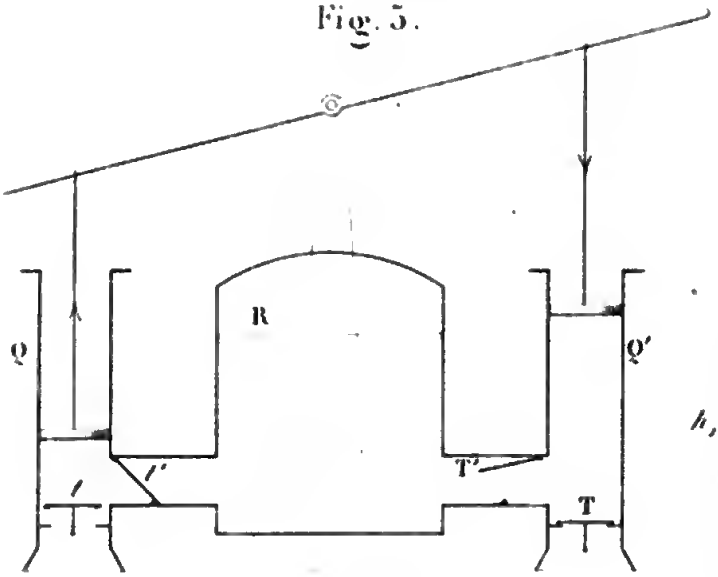

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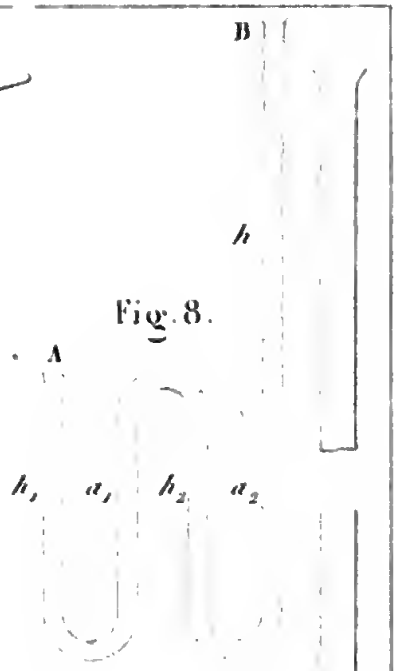

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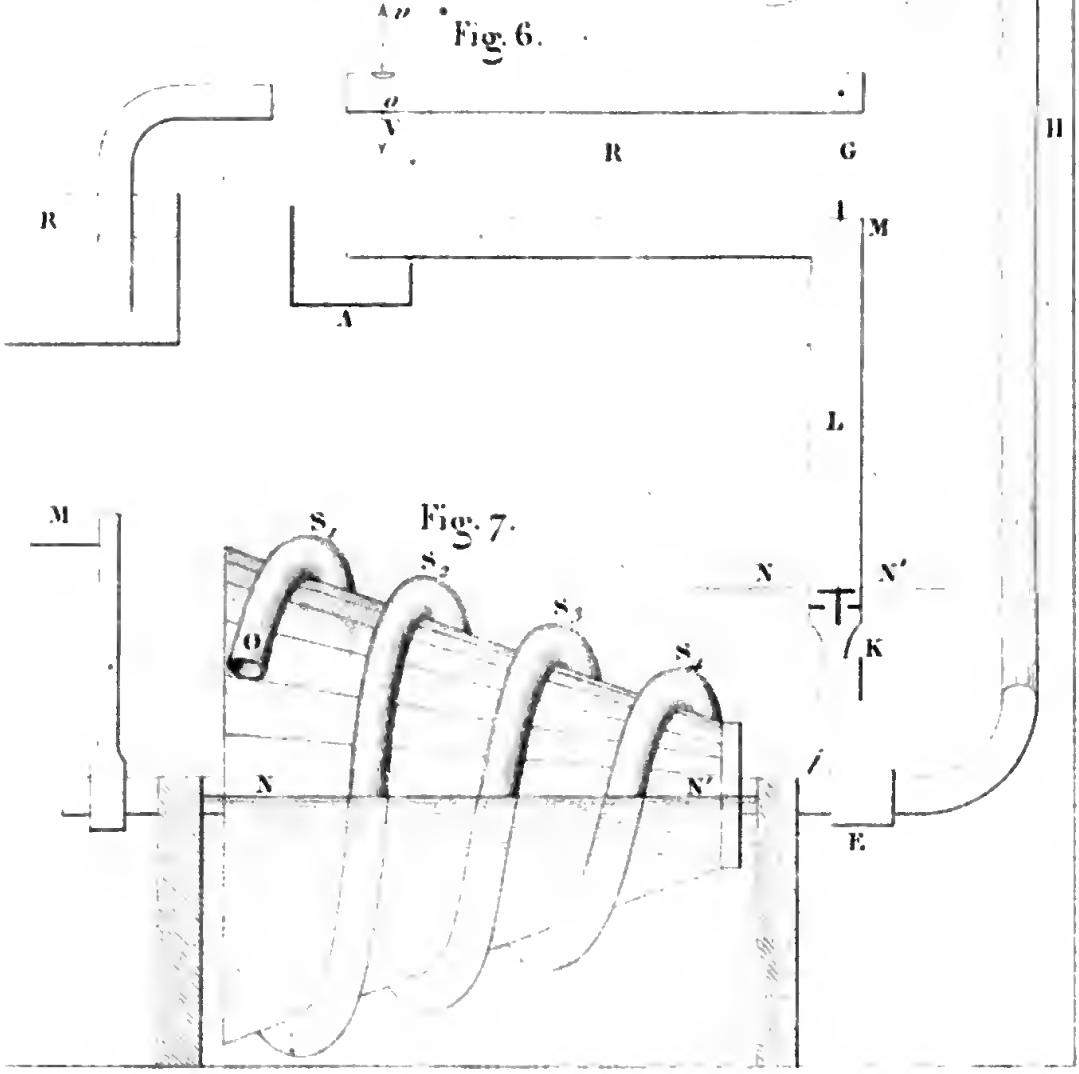

Fig. 7.

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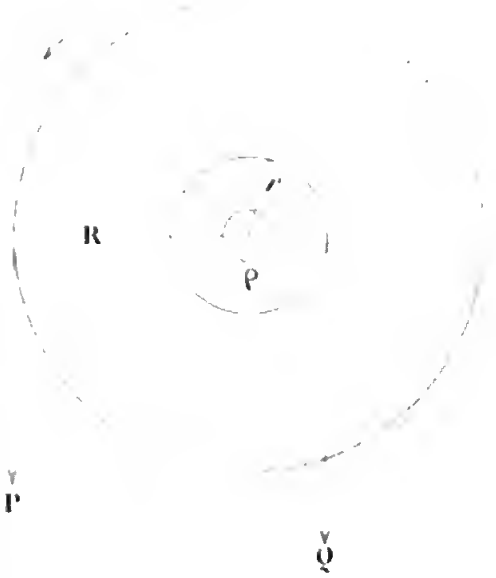

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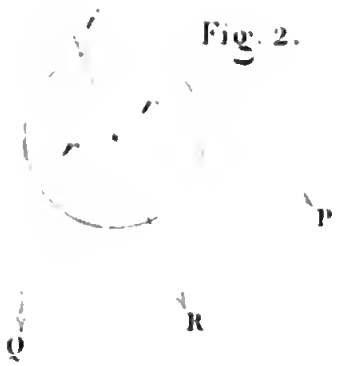

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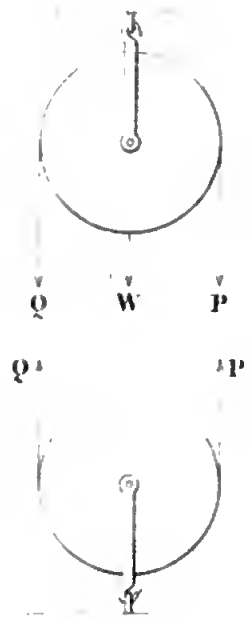

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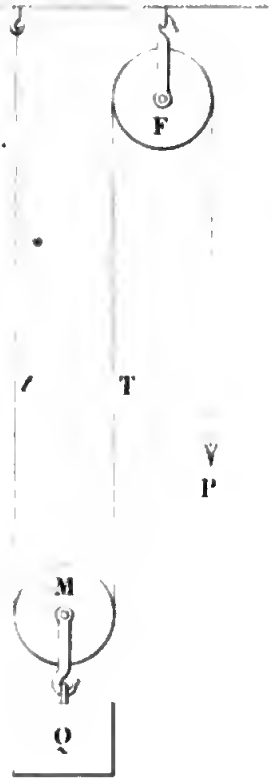

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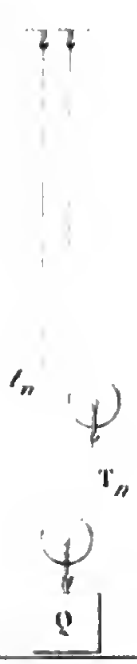

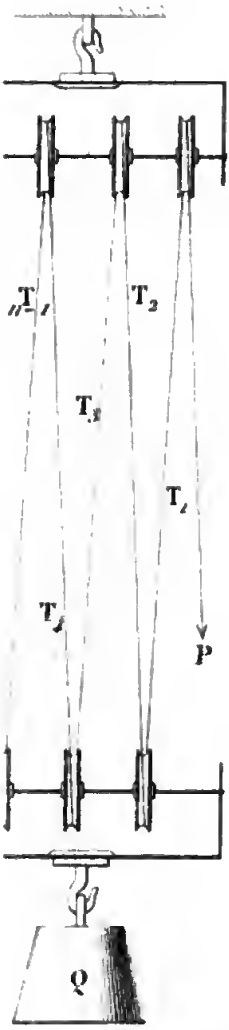

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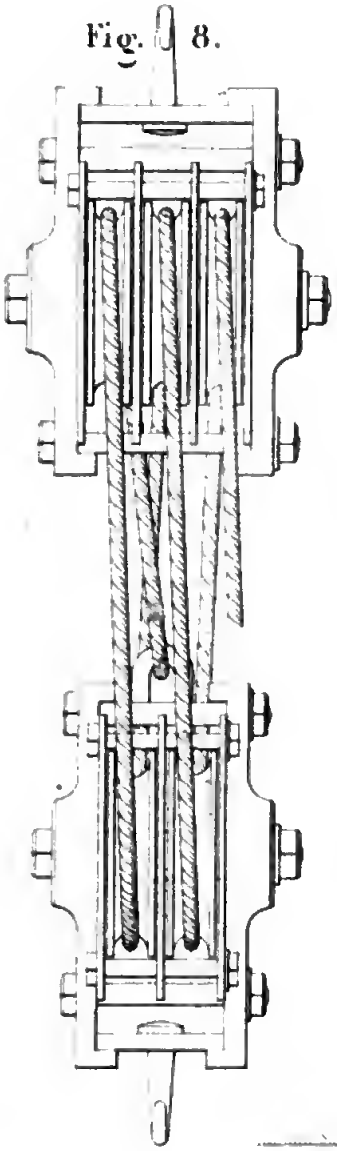

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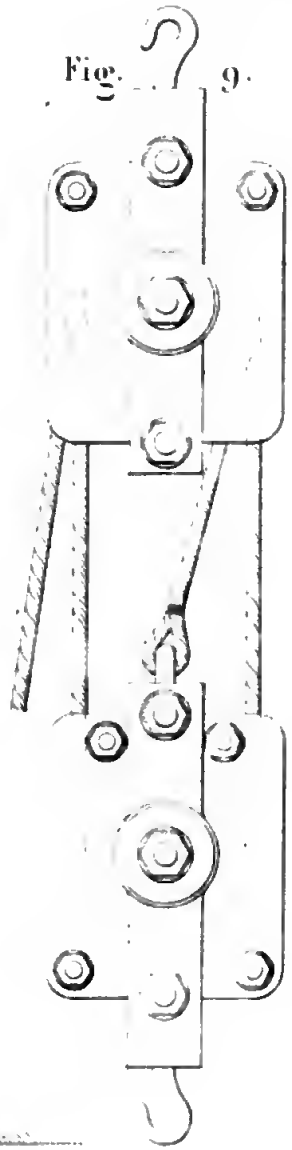

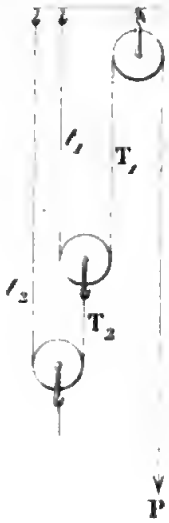

Fig. 6.

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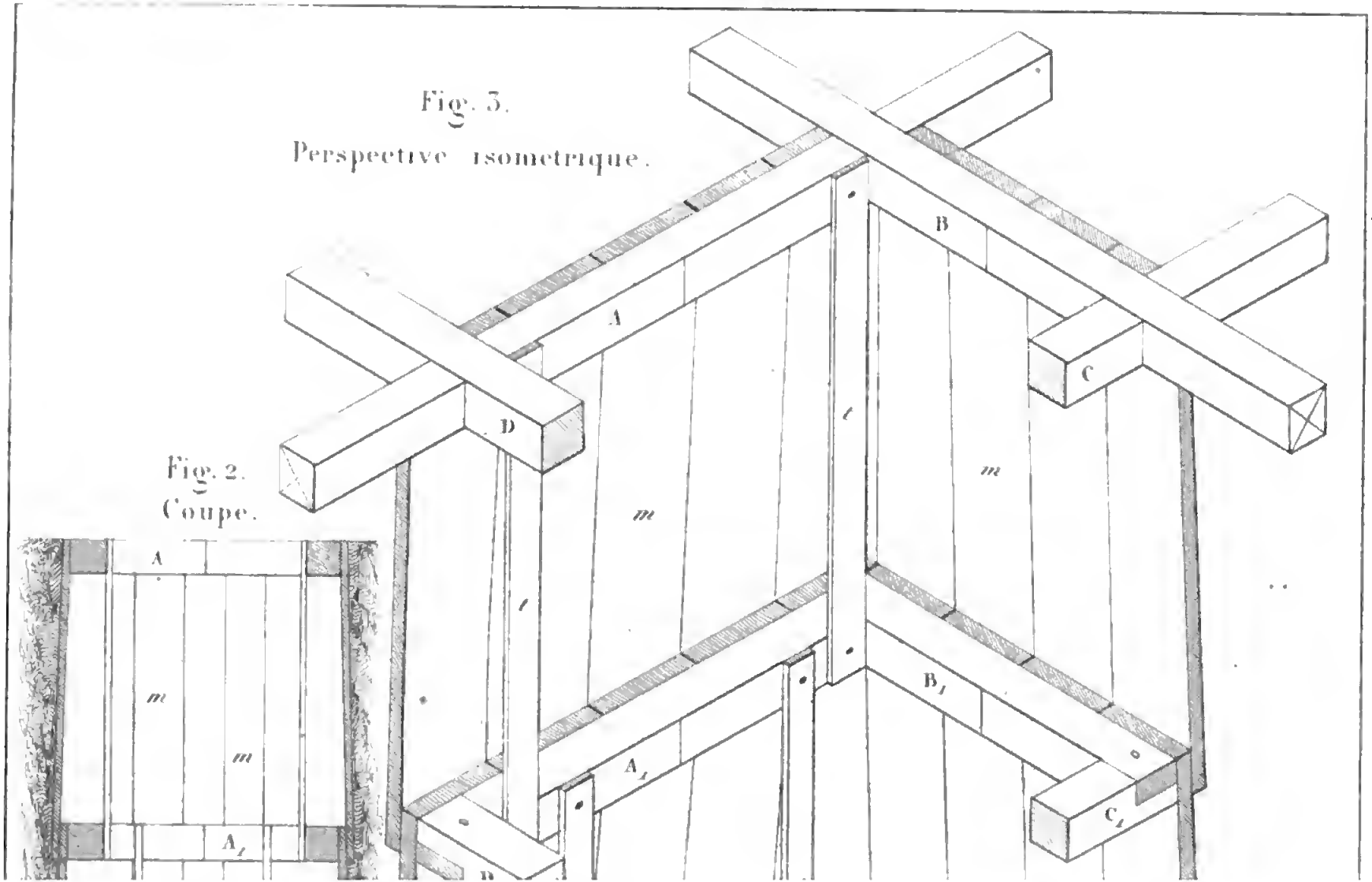

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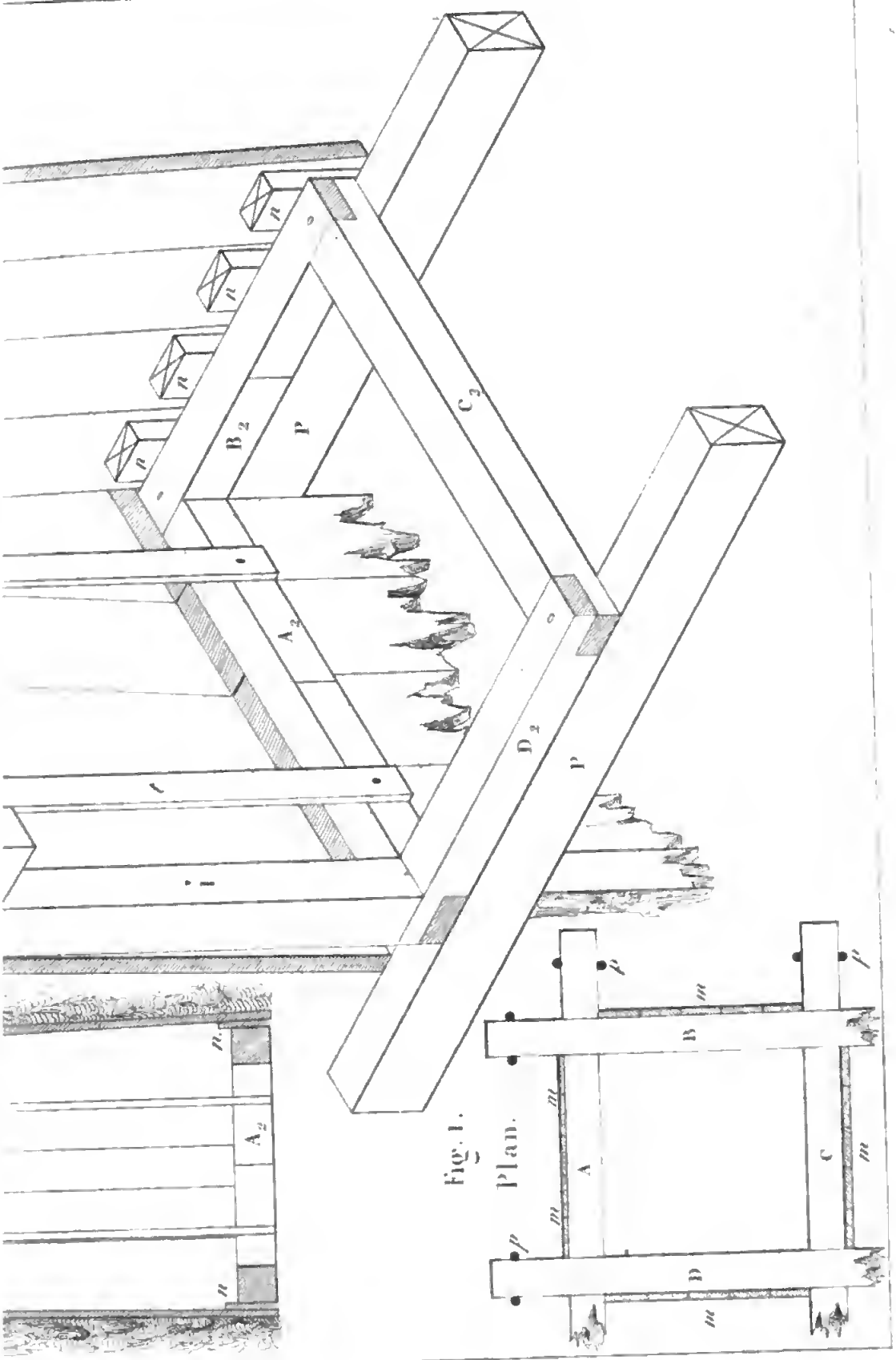

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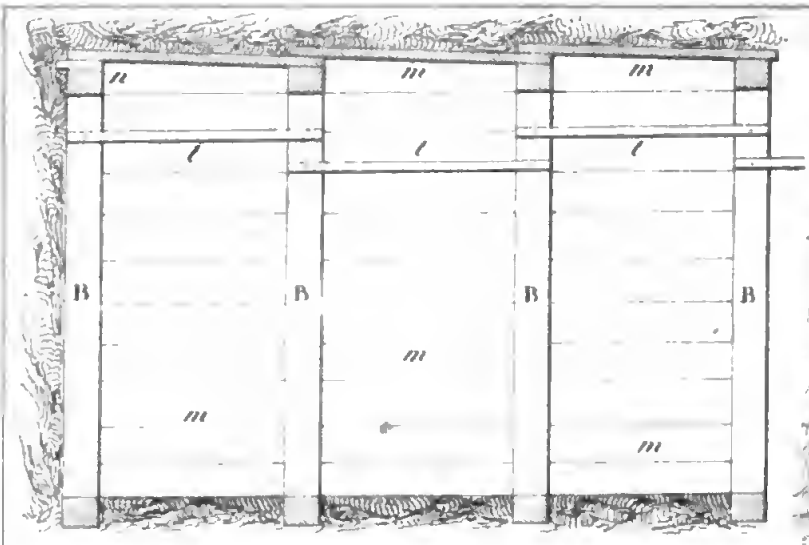

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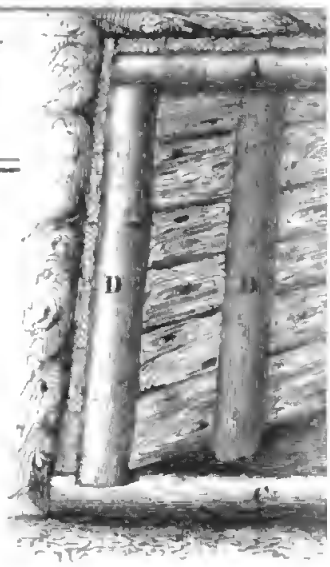

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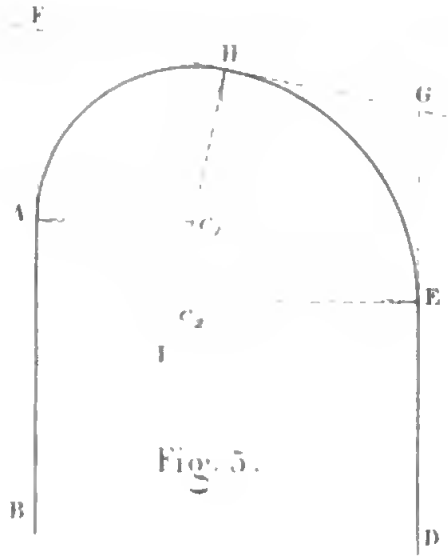

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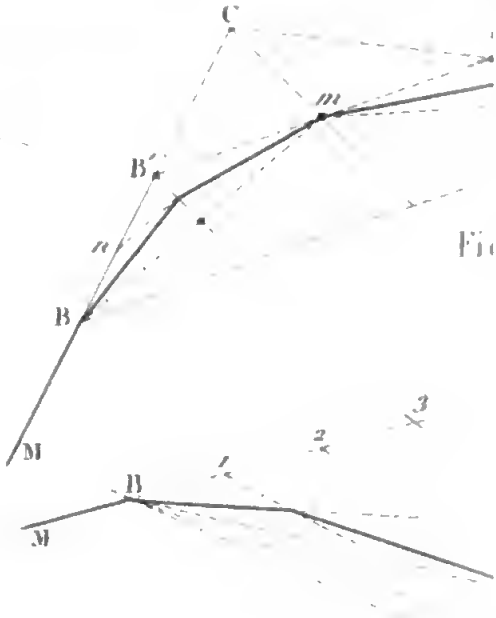

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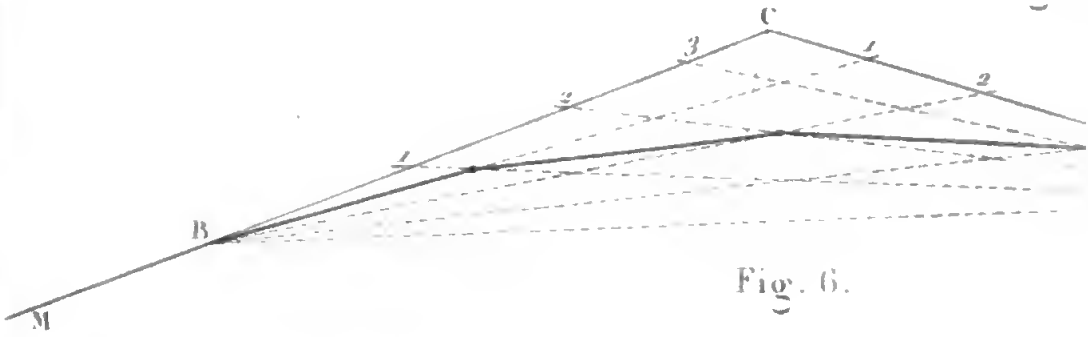

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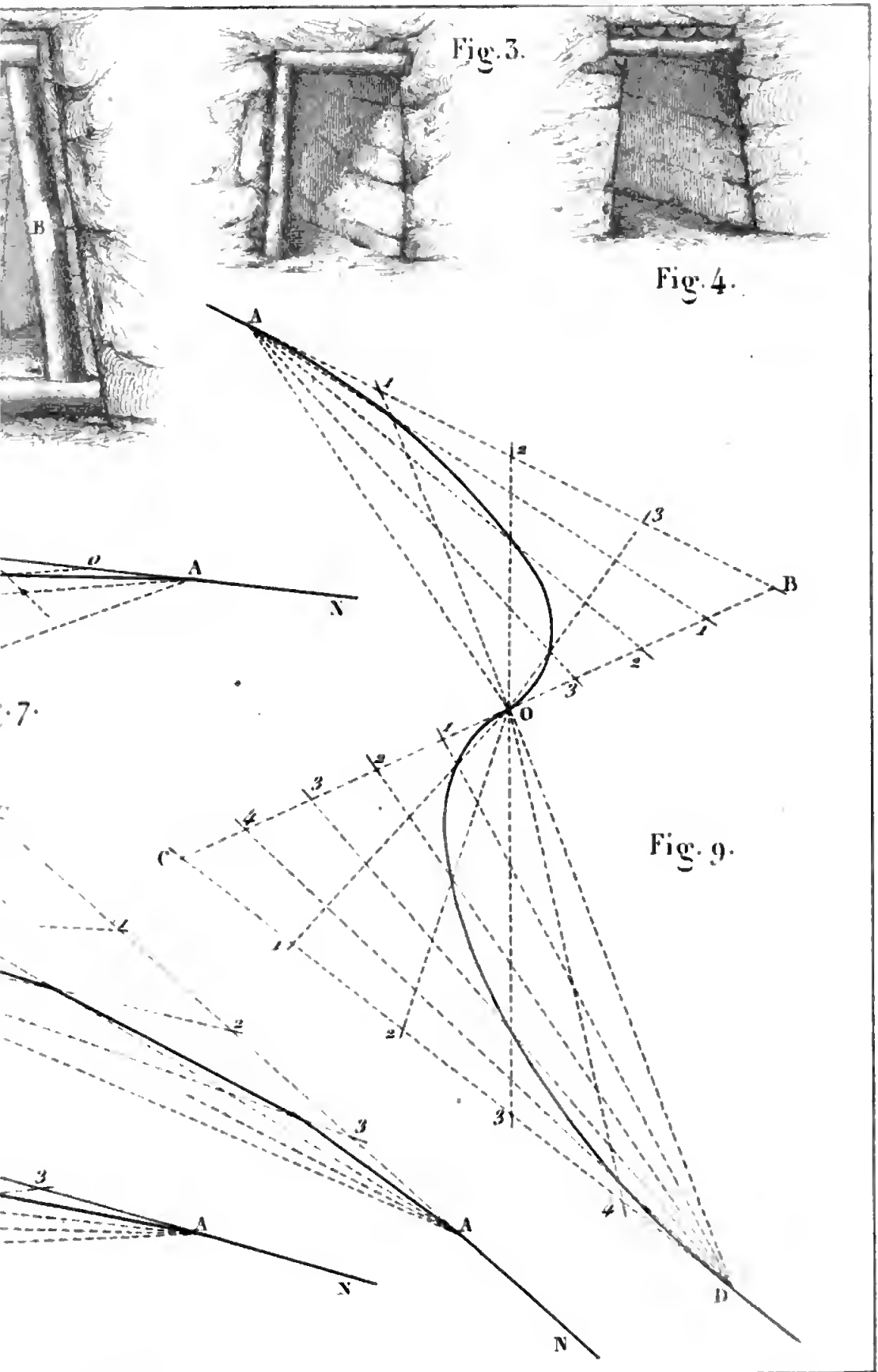

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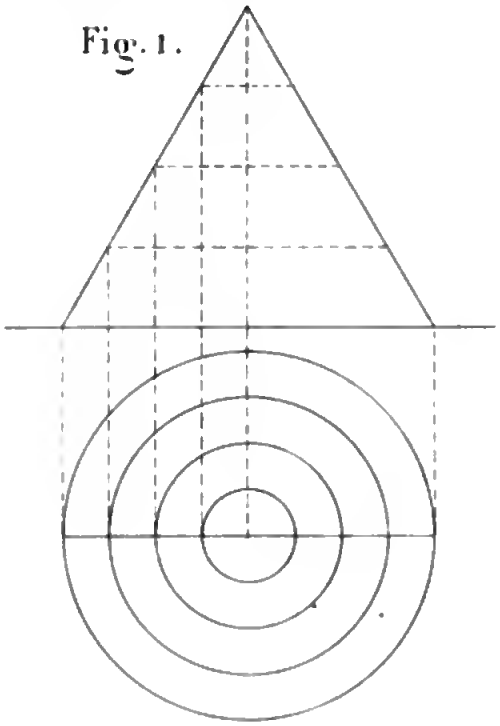

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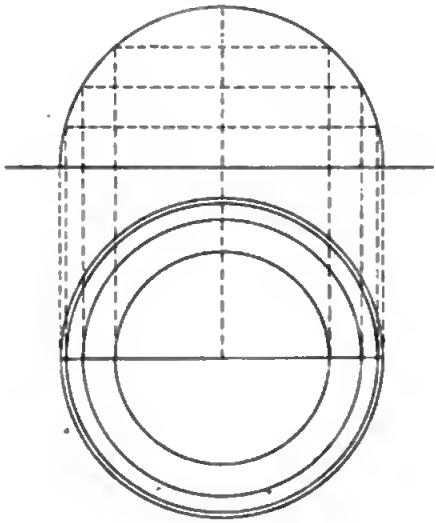

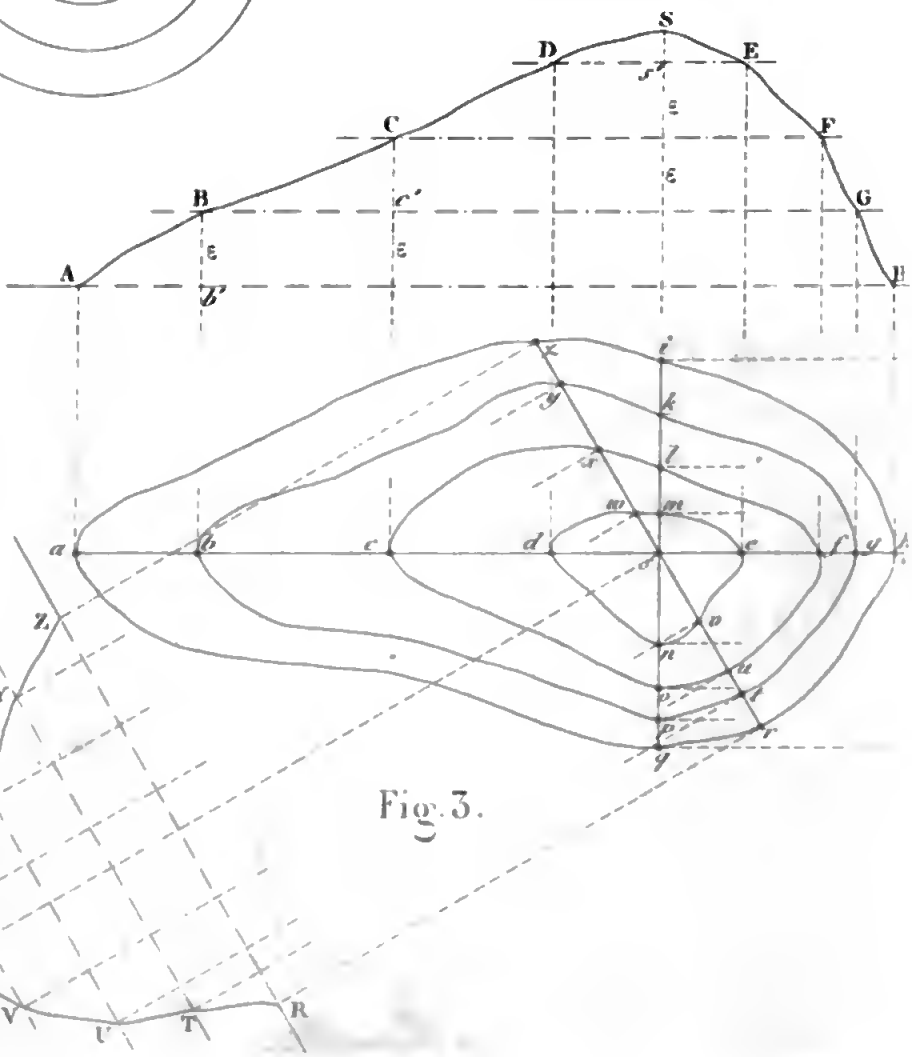

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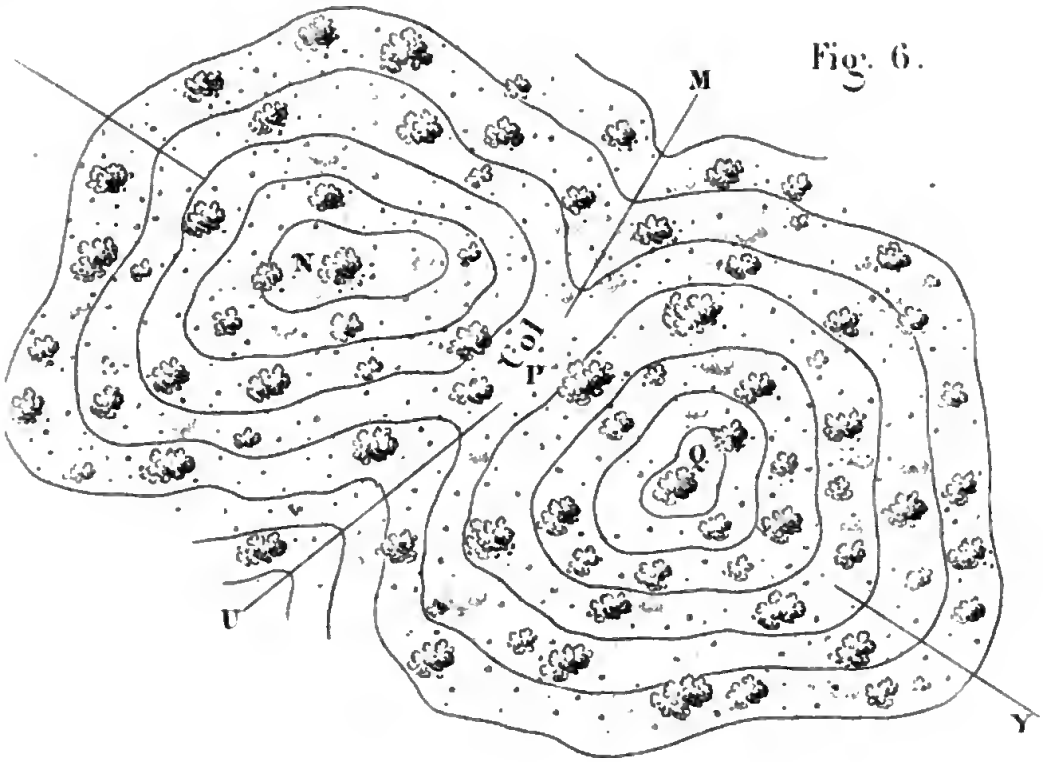

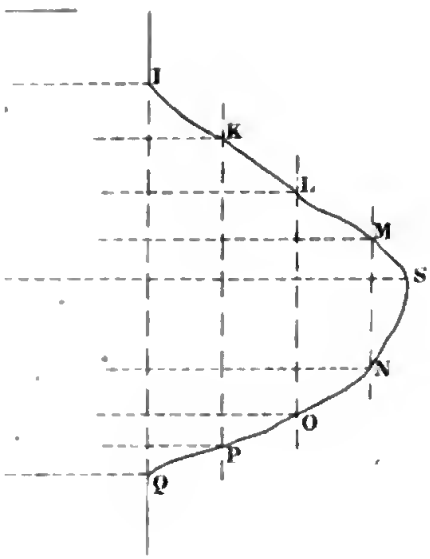

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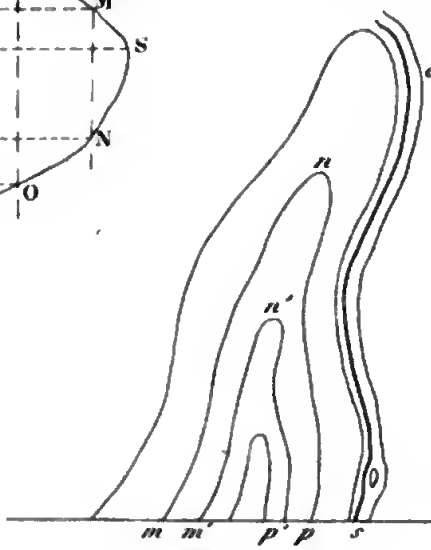

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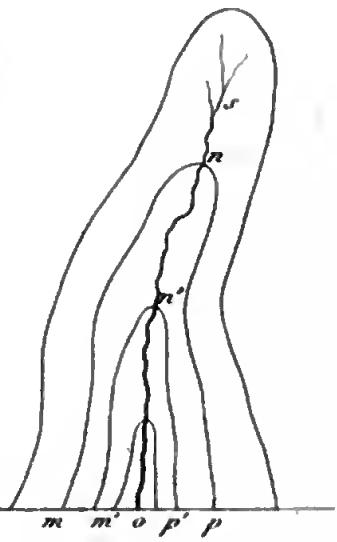

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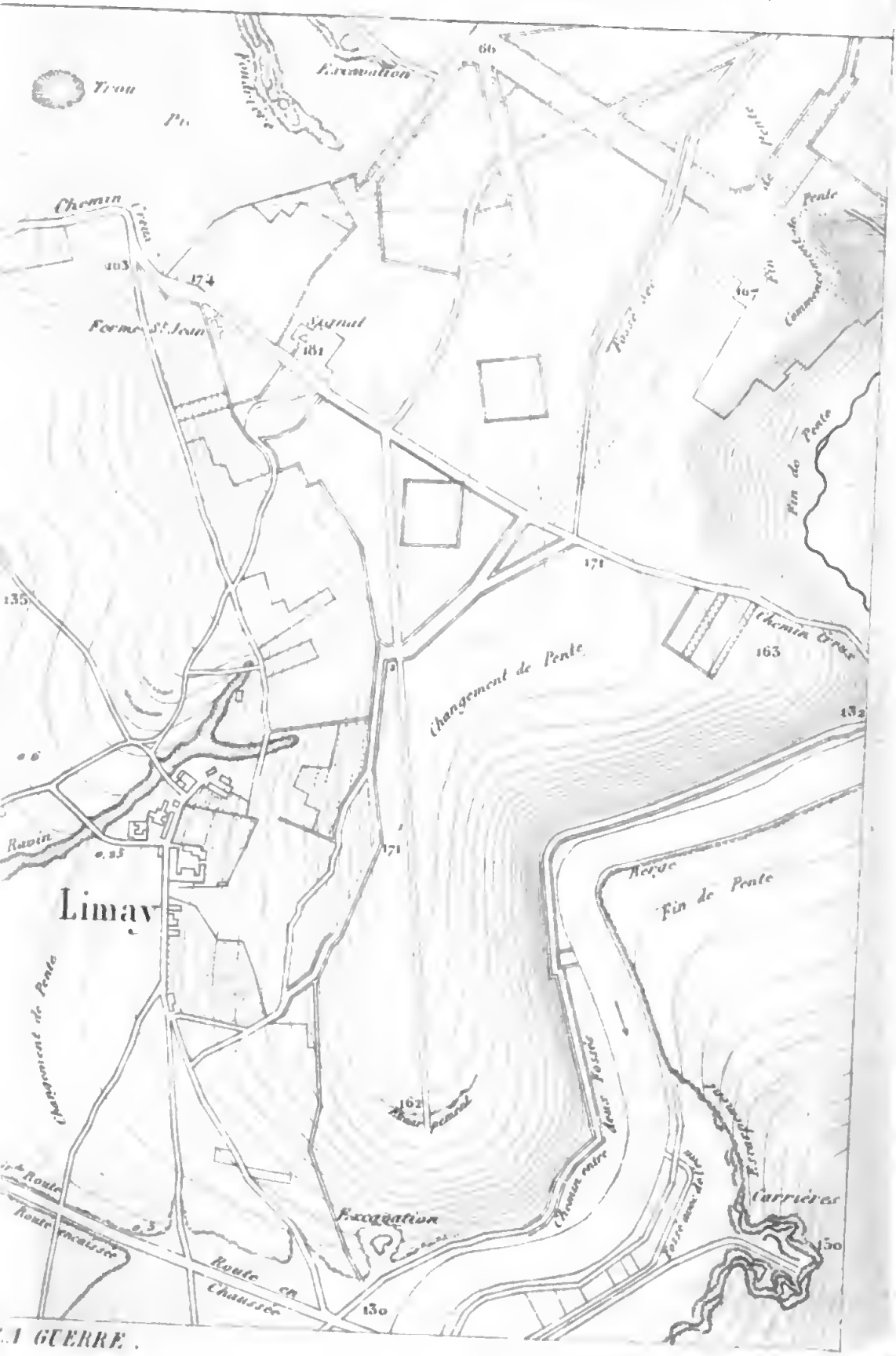

LA GUERRE.

Lemaitre

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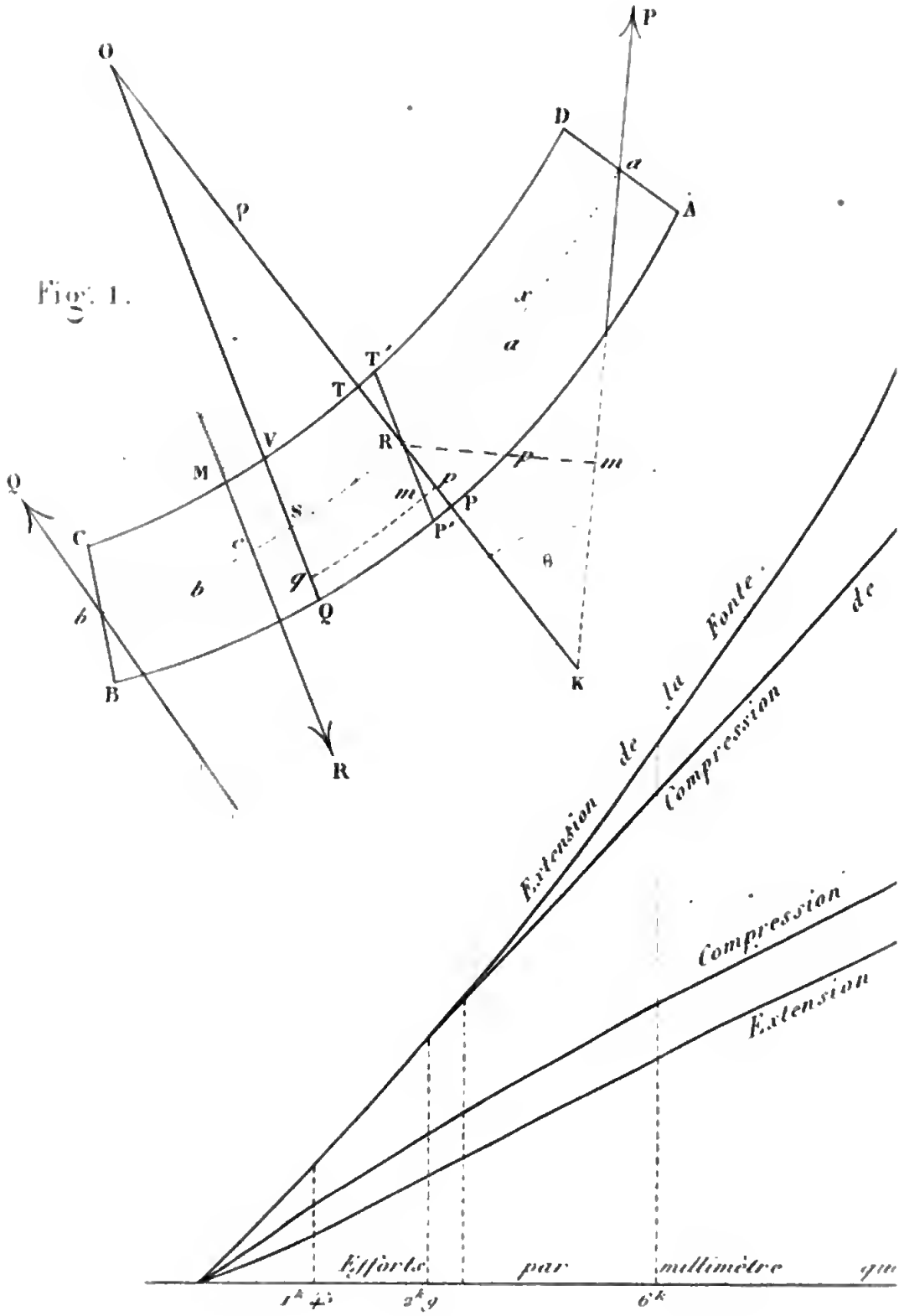
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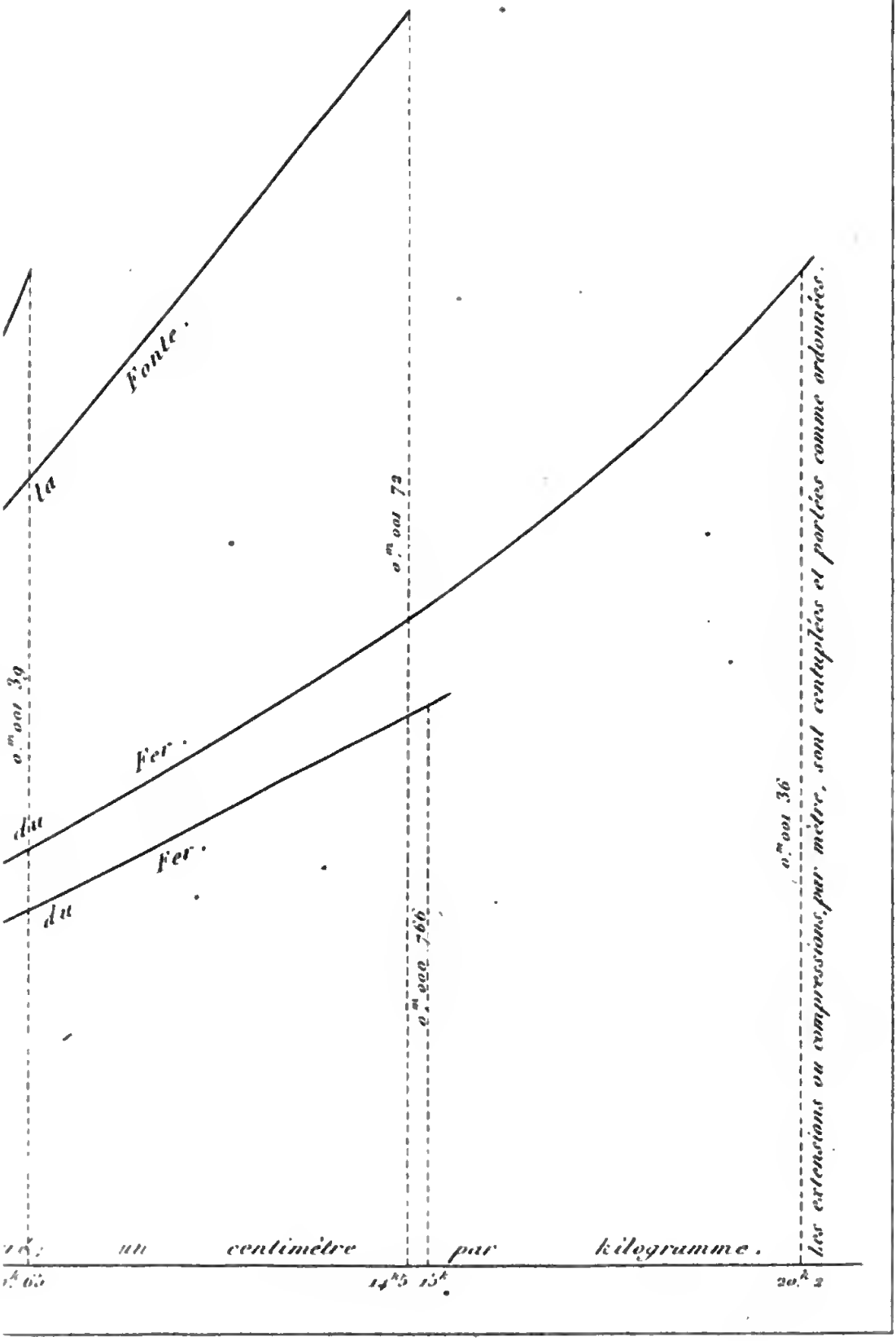

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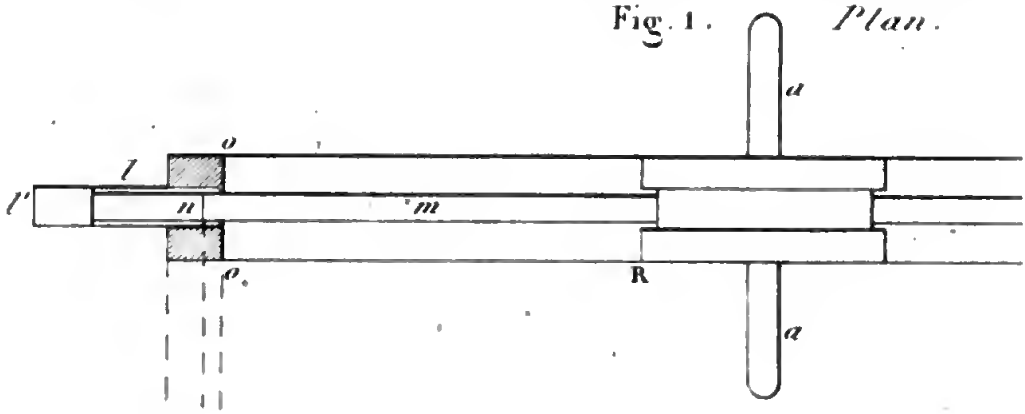
Fig. 1. *Plan.*



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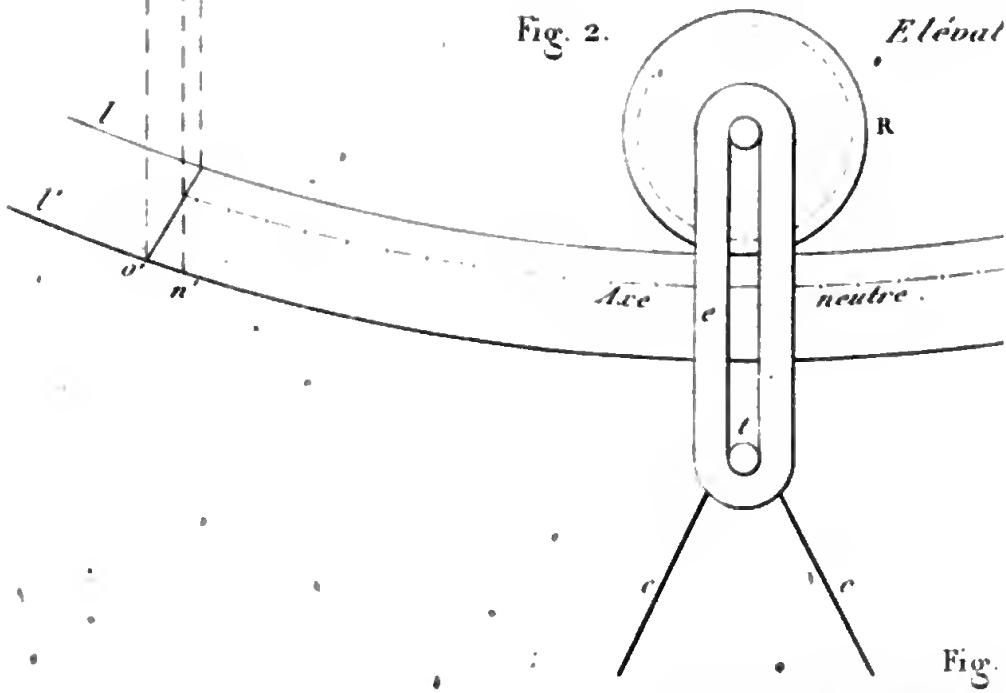
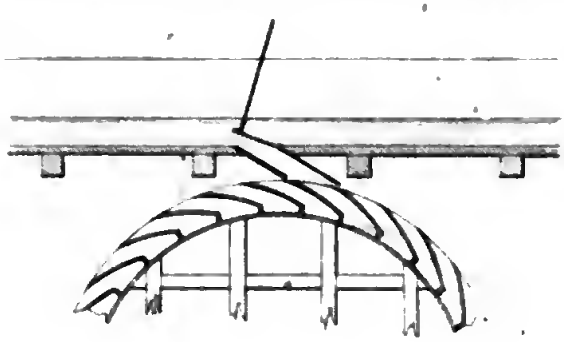


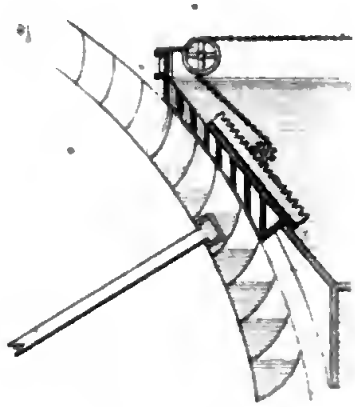
Fig.

Roue de la filature de A
à Cuchwiller

Fig. 3.

Roue du moulin de Senelles près Longwy.





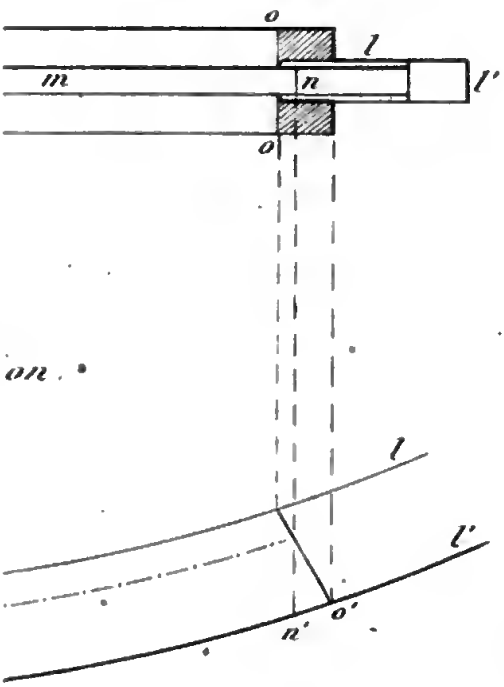


Fig. 3. *Coupe.*

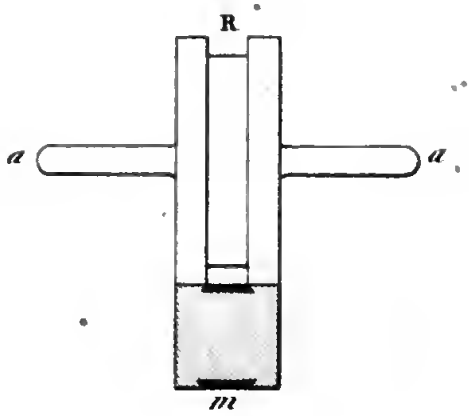
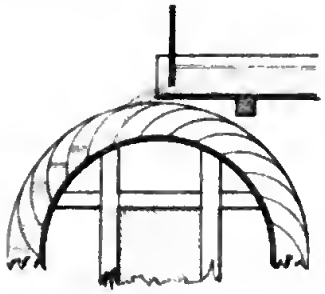


Fig. 4.

Roue de l'aiguiserie de Fleur-moulin près Metz.



V. Schlumberger et C.ie (H.t Rhin).

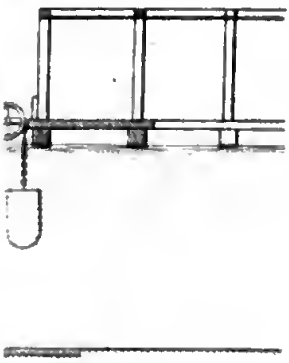
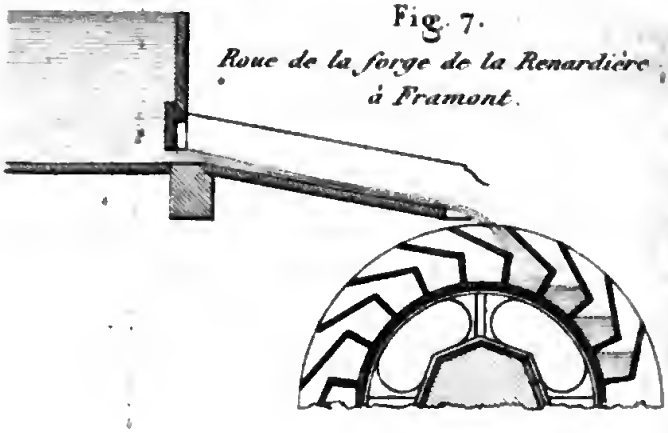


Fig. 7.

Roue de la forge de la Renardière à Framont.



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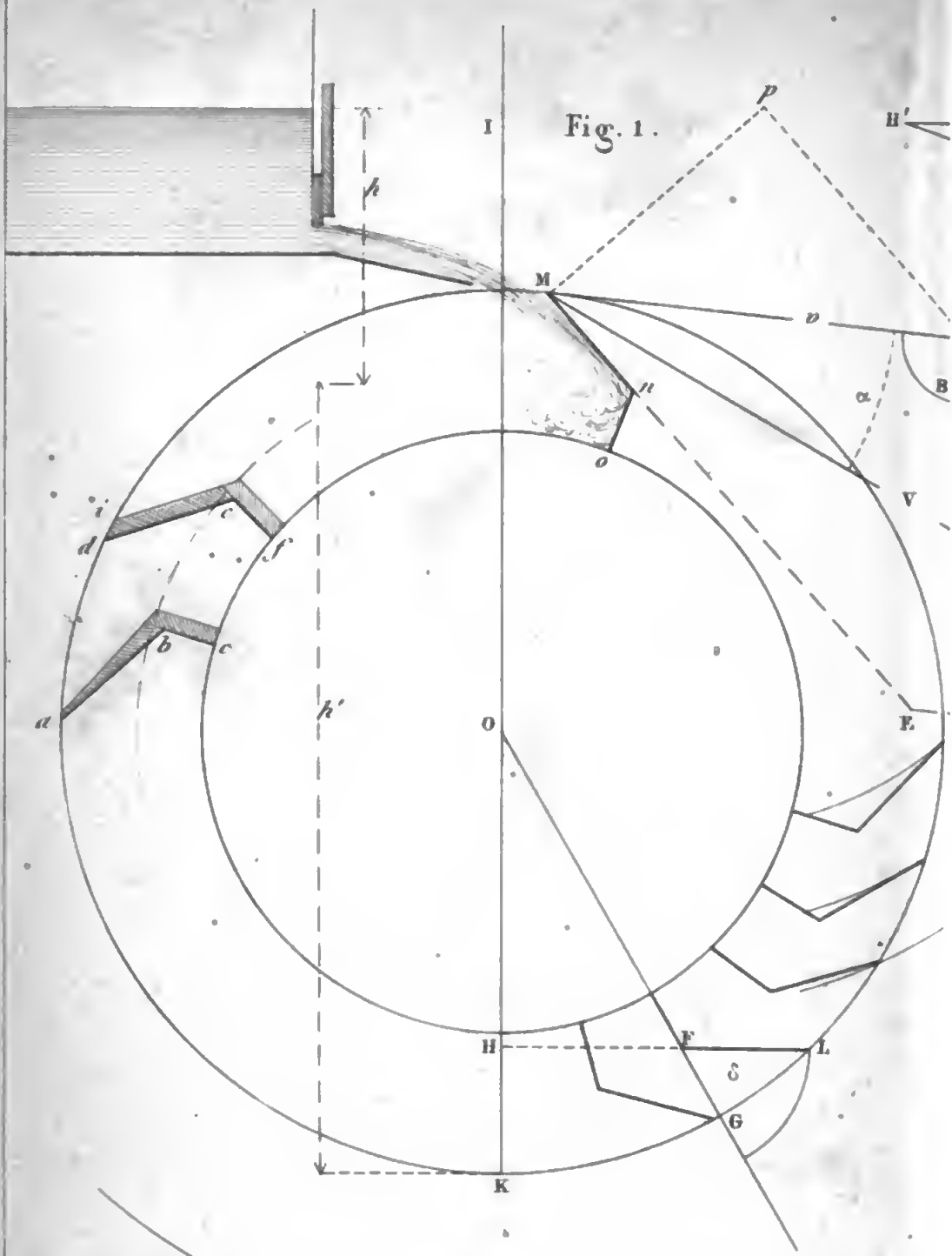

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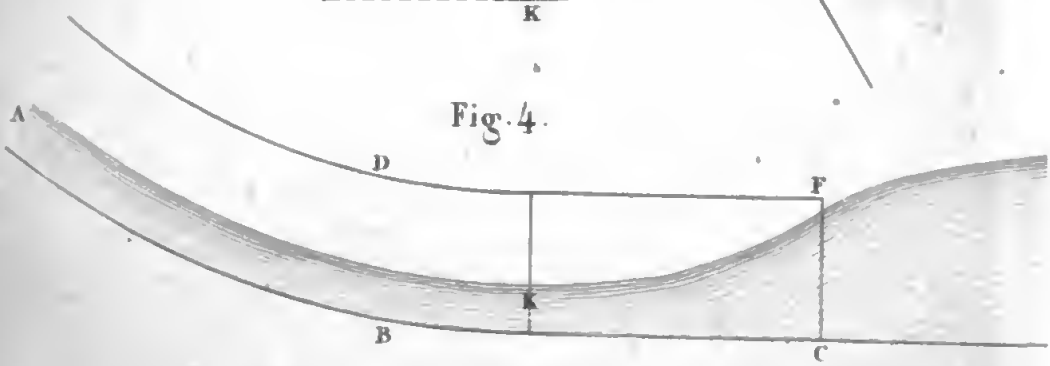

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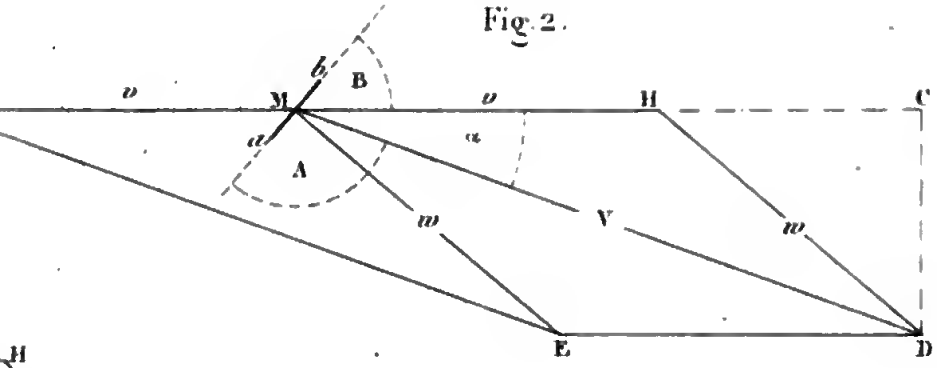

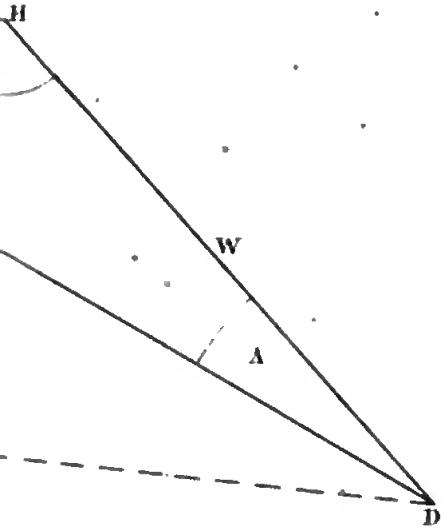

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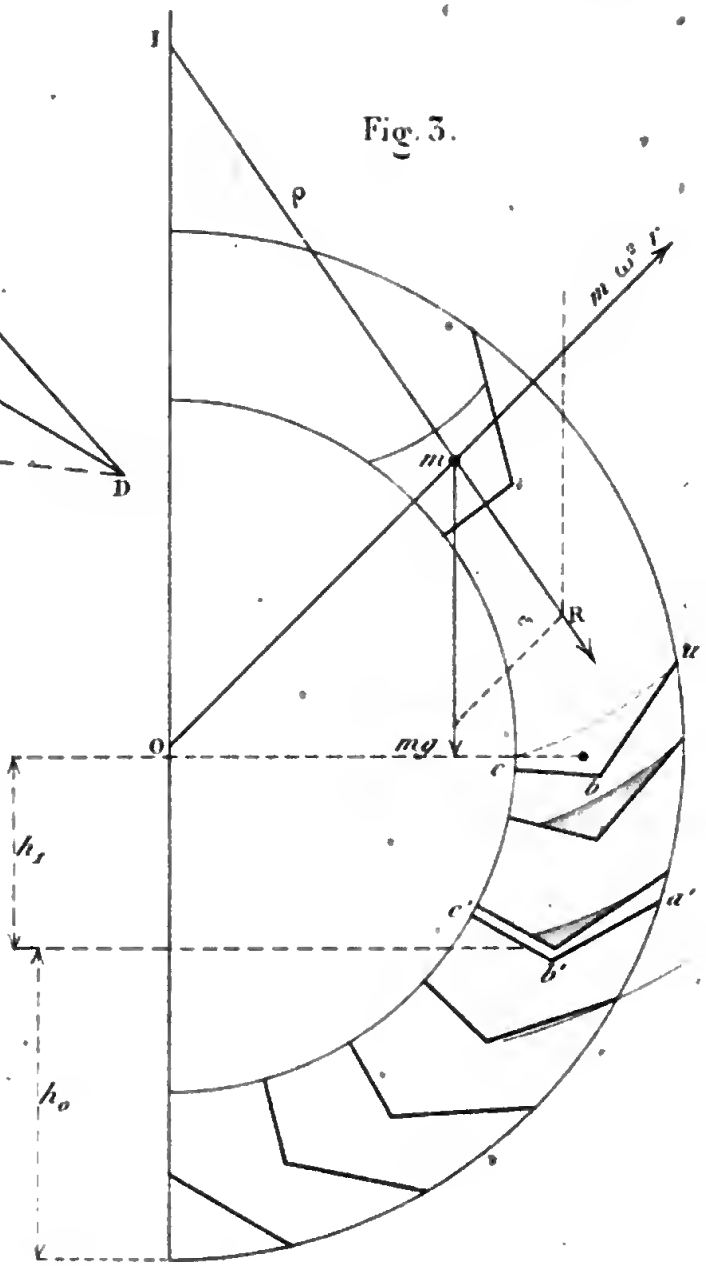

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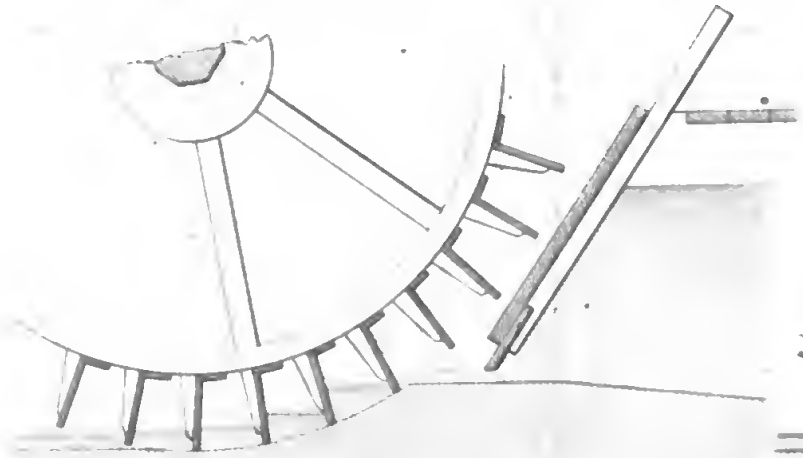
Fig. 1.

Roue de la fonderie de Toulouse.



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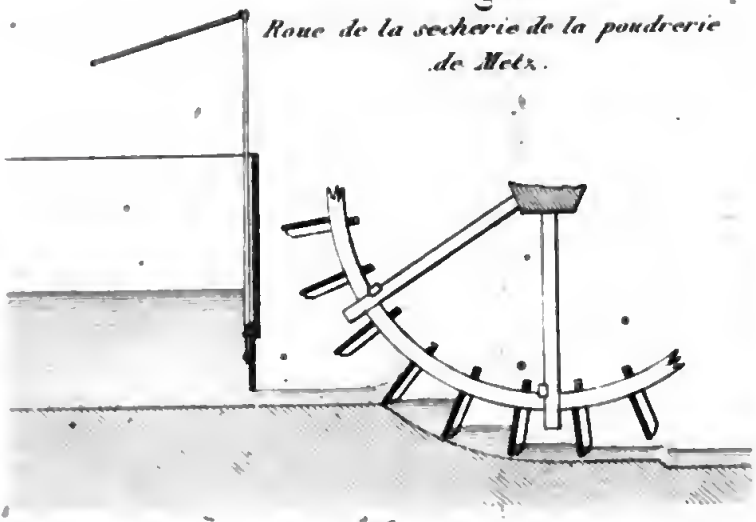
Roue de la manufacture

Fig. 2.

Roue de la secherie de la poudrerie de Metz.



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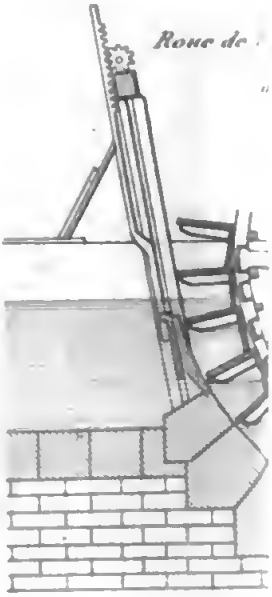

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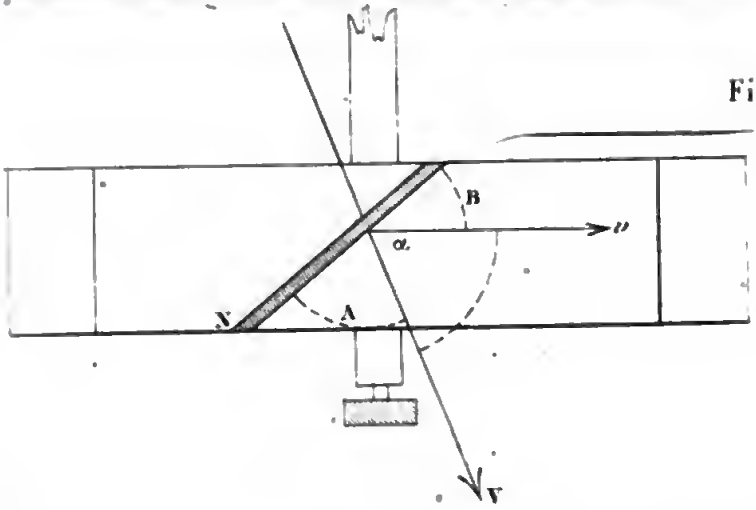

Fig. 3.

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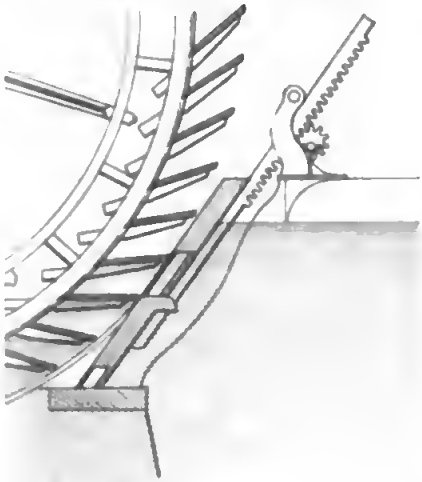


Fig. 5.

Roue de l'atelier des meules de Baccarat.

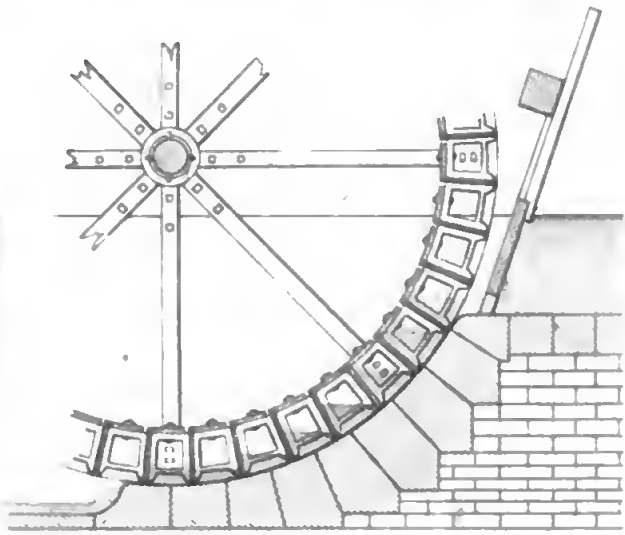
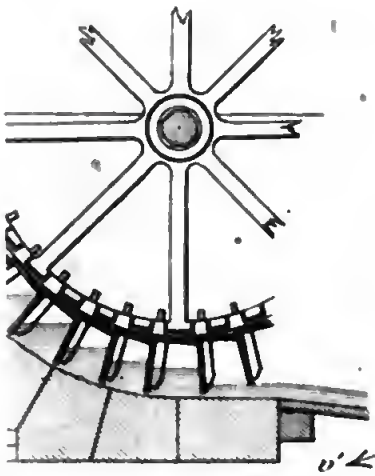
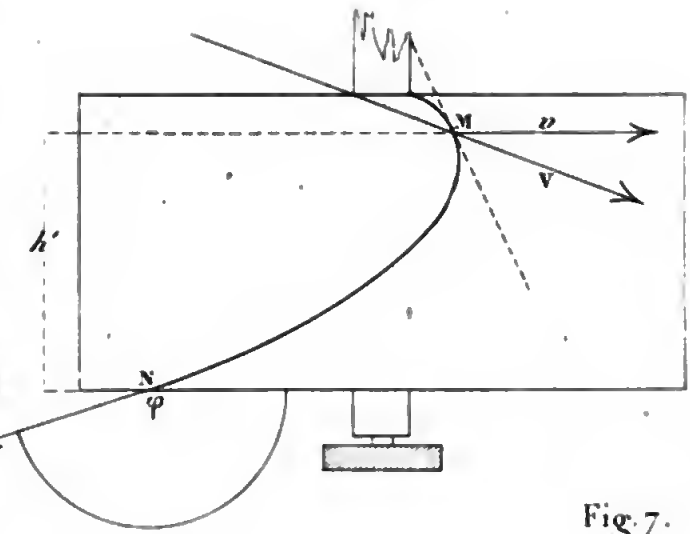


Fig. 4

l'atelier de cristallerie

de Baccarat.





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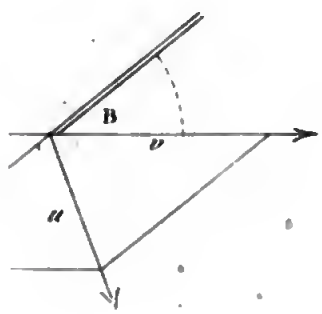

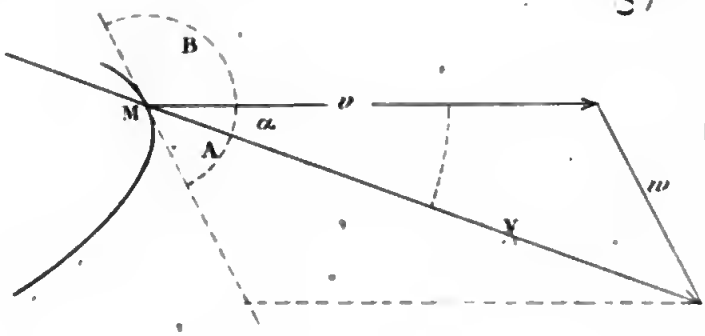

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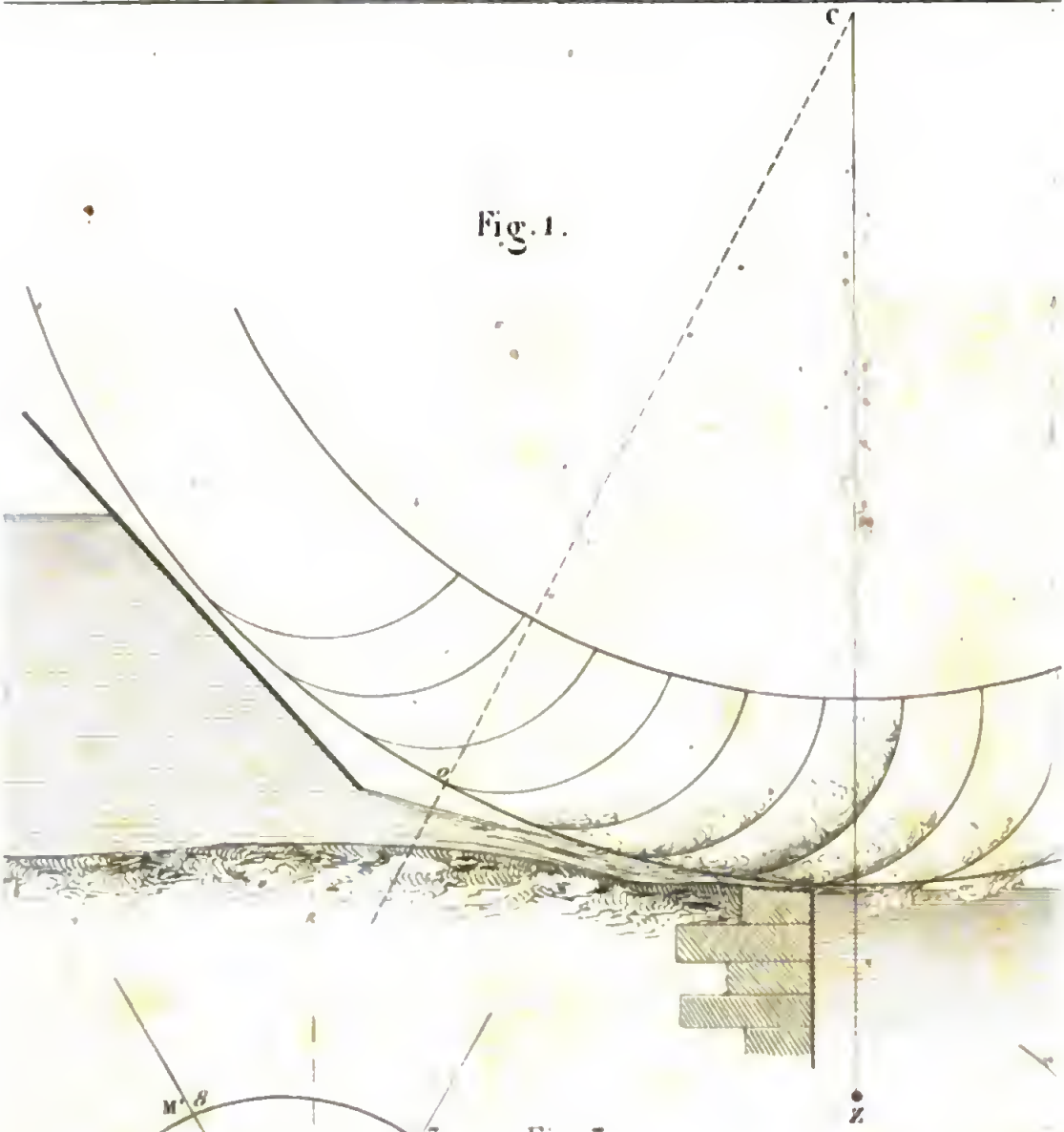
Fig. 1.



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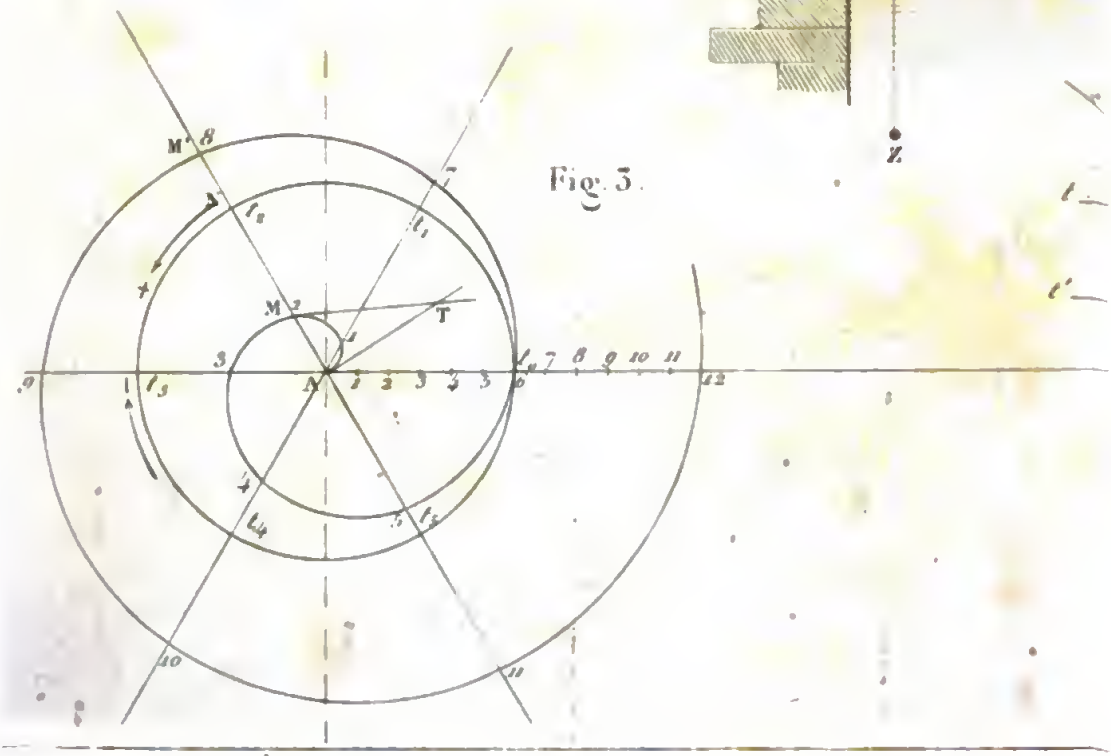

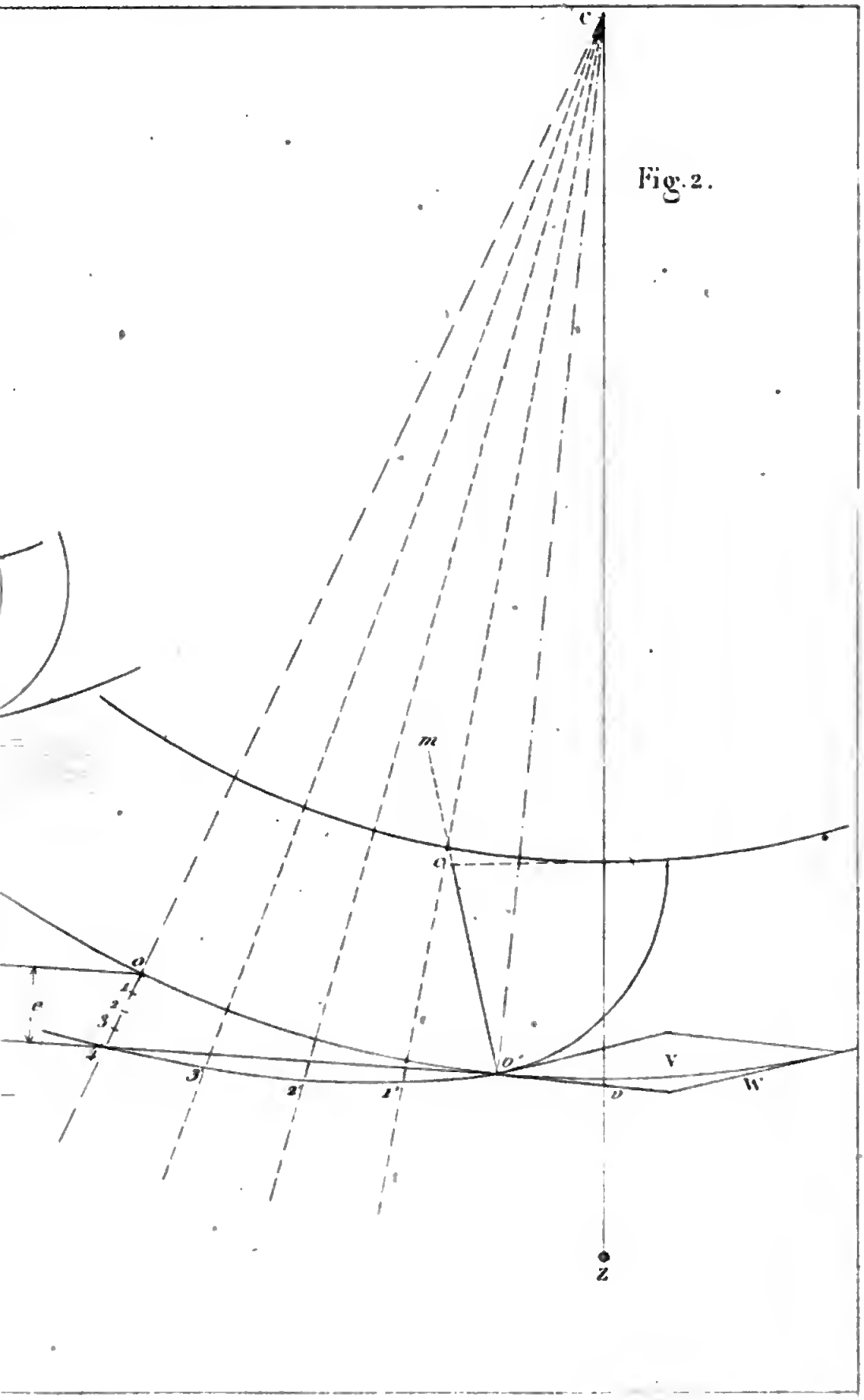

Fig. 2.

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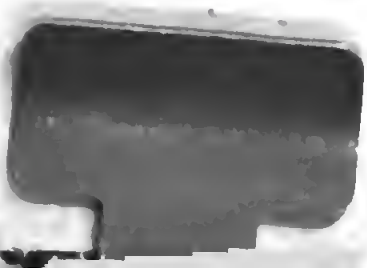

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